

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020322\
 Data File : BF126795.D
 Acq On : 03 Feb 2022 13:33
 Operator : CG/JU
 Sample : M4068-07
 Misc : LOD-MDL-WATER 4ppm
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2021

Quant Time: Feb 03 14:07:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 02 15:08:47 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/10/2022
 Supervised By : mohammad ahmed 02/10/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	154135	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	585692	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	326712	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	561361	20.000	ng	0.00
76) Chrysene-d12	14.127	240	409377	20.000	ng	# 0.00
86) Perylene-d12	15.639	264	271942	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1331897	118.354	ng	0.00
7) Phenol-d6	6.569	99	1944194	124.895	ng	0.00
23) Nitrobenzene-d5	7.516	82	1245822	79.607	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	424866	125.302	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	1555527	78.837	ng	0.00
79) Terphenyl-d14	13.068	244	1647452	67.320	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	23358	4.102	ng	# 86
3) Pyridine	3.622	79	52696	3.412	ng	# 82
4) n-Nitrosodimethylamine	3.504	42	20107	4.215	ng	# 65
6) Aniline	6.616	93	95594	4.813	ng	94
8) 2-Chlorophenol	6.734	128	46390	4.508	ng	99
9) Benzaldehyde	6.504	77	51749	5.284	ng	89
10) Phenol	6.581	94	73150	4.390	ng	95
11) bis(2-Chloroethyl)ether	6.681	93	60032	4.472	ng	94
12) 1,3-Dichlorobenzene	6.886	146	52448	4.527	ng	95
13) 1,4-Dichlorobenzene	6.963	146	53563	4.574	ng	98
14) 1,2-Dichlorobenzene	7.116	146	49651	4.363	ng	93
15) Benzyl Alcohol	7.081	79	63468m	5.103	ng	
16) 2,2'-oxybis(1-Chloropr...	7.216	45	65699	4.543	ng	85
17) 2-Methylphenol	7.181	107	43562	4.305	ng	94
18) Hexachloroethane	7.463	117	19439	4.237	ng	# 89
19) n-Nitroso-di-n-propyla...	7.345	70	45818	4.470	ng	# 83
20) 3+4-Methylphenols	7.334	107	56592	4.440	ng	# 71
22) Acetophenone	7.351	105	74826	4.415	ng	# 87
24) Nitrobenzene	7.528	77	72701	4.680	ng	# 87
25) Isophorone	7.757	82	117129	4.361	ng	# 94
26) 2-Nitrophenol	7.839	139	21360	4.126	ng	# 80
27) 2,4-Dimethylphenol	7.869	122	44439	4.914	ng	89
28) bis(2-Chloroethoxy)met...	7.969	93	75136	4.411	ng	# 97
29) 2,4-Dichlorophenol	8.075	162	38812	4.360	ng	92
30) 1,2,4-Trichlorobenzene	8.169	180	42393	4.428	ng	99
31) Naphthalene	8.251	128	143381	4.684	ng	99
32) Benzoic acid	7.910	122	12441	1.783	ng	# 82
33) 4-Chloroaniline	8.298	127	58458	4.726	ng	# 94
34) Hexachlorobutadiene	8.363	225	24400	4.066	ng	92
35) Caprolactam	8.622	113	11926	3.682	ng	# 82
36) 4-Chloro-3-methylphenol	8.763	107	47790	4.212	ng	91
37) 2-Methylnaphthalene	8.939	142	93421	4.952	ng	98
38) 1-Methylnaphthalene	9.039	142	84928	4.677	ng	99
40) 1,2,4,5-Tetrachloroben...	9.104	216	39233	4.171	ng	98
41) Hexachlorocyclopentadiene	9.092	237	22709	4.188	ng	94
43) 2,4,6-Trichlorophenol	9.216	196	26572	4.010	ng	96

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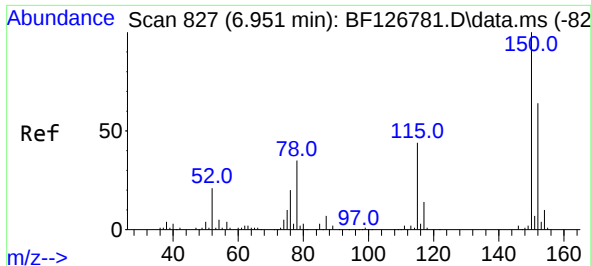
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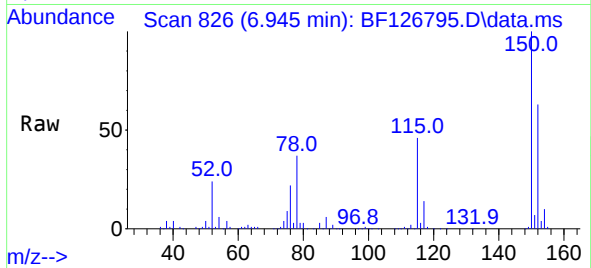
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	28358m	4.099	ng	
46) 1,1'-Biphenyl	9.404	154	111067	4.642	ng	96
47) 2-Chloronaphthalene	9.433	162	88463	4.664	ng	96
48) 2-Nitroaniline	9.522	65	32184	4.162	ng	90
49) Acenaphthylene	9.845	152	139540	4.765	ng	99
50) Dimethylphthalate	9.698	163	100492	4.450	ng	99
51) 2,6-Dinitrotoluene	9.763	165	19773	4.262	ng	98
52) Acenaphthene	10.022	154	83473	4.470	ng	96
53) 3-Nitroaniline	9.933	138	22008	4.163	ng	# 82
54) 2,4-Dinitrophenol	10.033	184	5072	2.076	ng	# 82
55) Dibenzofuran	10.192	168	125555	4.556	ng	97
56) 4-Nitrophenol	10.075	139	14451	3.610	ng	# 68
57) 2,4-Dinitrotoluene	10.163	165	25193	4.007	ng	# 90
58) Fluorene	10.533	166	99038	4.857	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.304	232	22734	3.796	ng	# 84
60) Diethylphthalate	10.398	149	99002	4.462	ng	99
61) 4-Chlorophenyl-phenyle...	10.527	204	47508	4.606	ng	# 84
62) 4-Nitroaniline	10.539	138	19718	3.931	ng	82
63) Azobenzene	10.686	77	138513	4.499	ng	90
65) 4,6-Dinitro-2-methylph...	10.569	198	8940	2.625	ng	95
66) n-Nitrosodiphenylamine	10.645	169	82851	4.589	ng	97
67) 4-Bromophenyl-phenylether	11.022	248	27224	4.237	ng	87
68) Hexachlorobenzene	11.080	284	30800	4.381	ng	93
69) Atrazine	11.163	200	25702	4.388	ng	96
70) Pentachlorophenol	11.274	266	12930	3.152	ng	96
71) Phenanthrene	11.504	178	150242	4.832	ng	98
72) Anthracene	11.551	178	148595	4.772	ng	97
73) Carbazole	11.704	167	124917	4.252	ng	98
74) Di-n-butylphthalate	12.033	149	144488	4.242	ng	98
75) Fluoranthene	12.692	202	138341	4.375	ng	99
77) Benzidine	12.816	184	59394	6.324	ng	98
78) Pyrene	12.921	202	144892	4.429	ng	98
80) Butylbenzylphthalate	13.539	149	47699	3.514	ng	# 92
81) Benzo(a)anthracene	14.115	228	117045	4.285	ng	100
82) 3,3'-Dichlorobenzidine	14.074	252	29886	3.820	ng	# 97
83) Chrysene	14.151	228	115489	4.465	ng	96
84) Bis(2-ethylhexyl)phtha...	14.098	149	67427	3.818	ng	# 98
85) Di-n-octyl phthalate	14.715	149	83099	3.300	ng	# 94
87) Indeno(1,2,3-cd)pyrene	17.174	276	63460	3.826	ng	# 91
88) Benzo(b)fluoranthene	15.186	252	75360	4.238	ng	# 92
89) Benzo(k)fluoranthene	15.215	252	81441	4.591	ng	# 96
90) Benzo(a)pyrene	15.568	252	67873	4.788	ng	# 95
91) Dibenzo(a,h)anthracene	17.198	278	53134	3.911	ng	95
92) Benzo(g,h,i)perylene	17.645	276	53810	4.010	ng	# 89

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

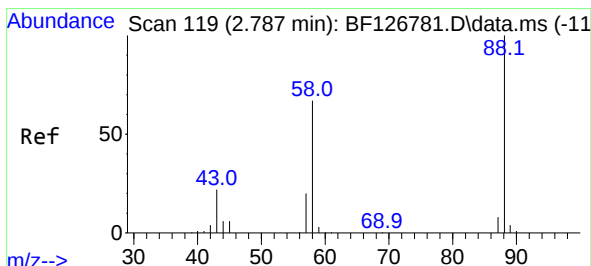
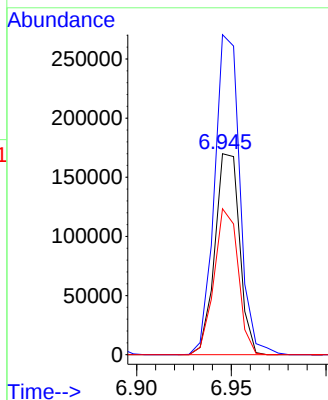
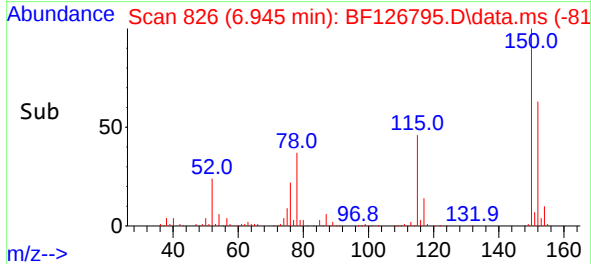
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:152 Resp: 15413
Ion Ratio Lower Upper
152 100
150 159.2 128.1 192.1
115 72.6 56.7 85.1

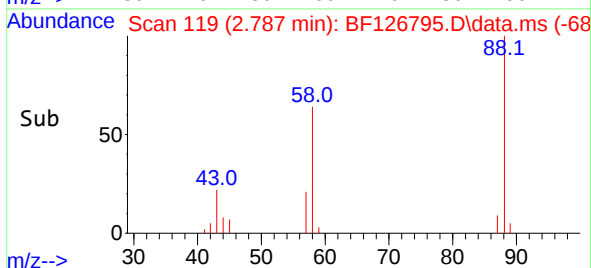
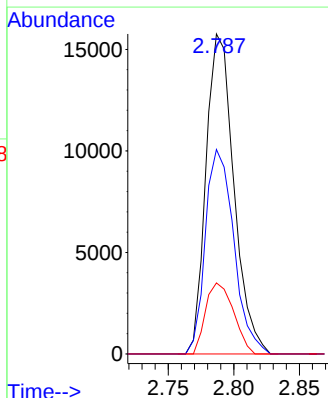
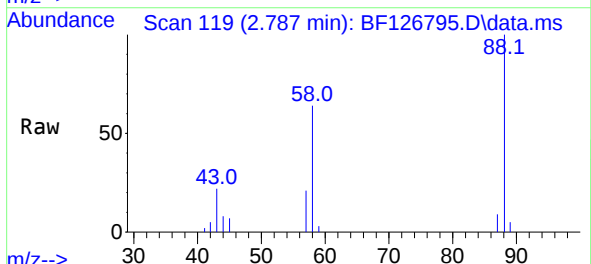
Manual Integrations
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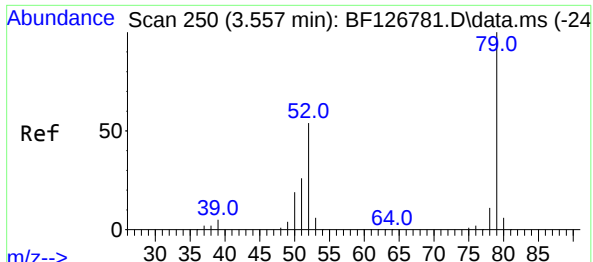
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022



#2
1,4-Dioxane
Concen: 4.102 ng
RT: 2.787 min Scan# 119
Delta R.T. -0.000 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

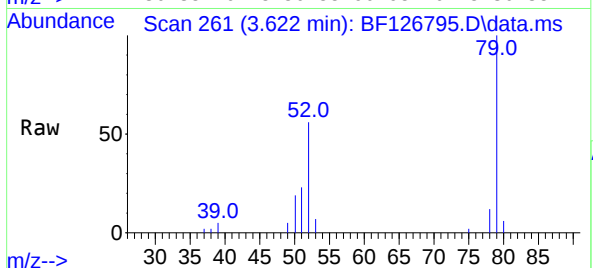
Tgt Ion: 88 Resp: 23358
Ion Ratio Lower Upper
88 100
58 65.2 62.8 94.2
43 22.1 22.3 33.5#





#3
Pyridine
Concen: 3.412 ng
RT: 3.622 min Scan# 20
Delta R.T. 0.065 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

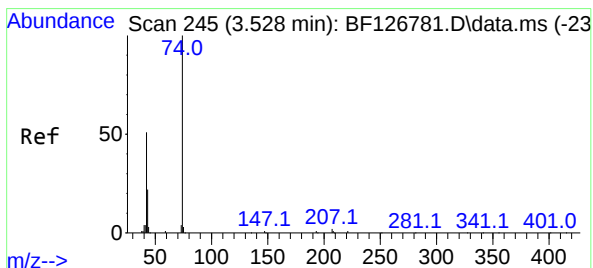
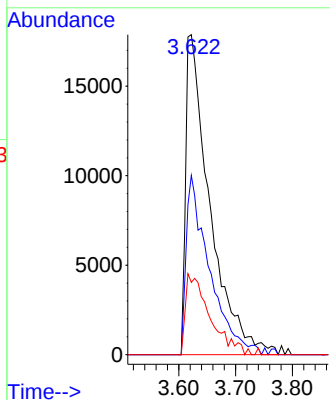
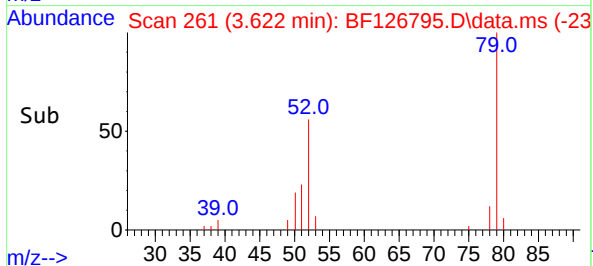
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



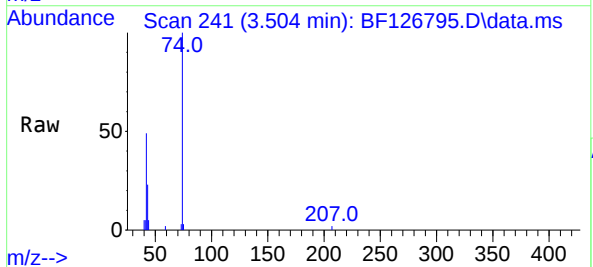
Tgt Ion: 79 Resp: 52690
Ion Ratio Lower Upper
79 100
52 56.0 56.2 84.4#
51 22.6 26.7 40.1#

Manual Integrations
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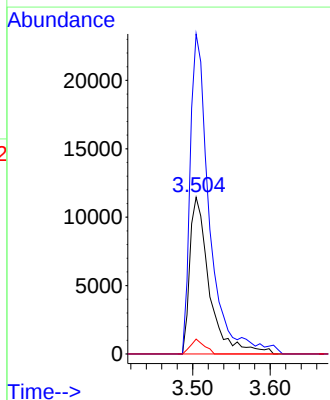
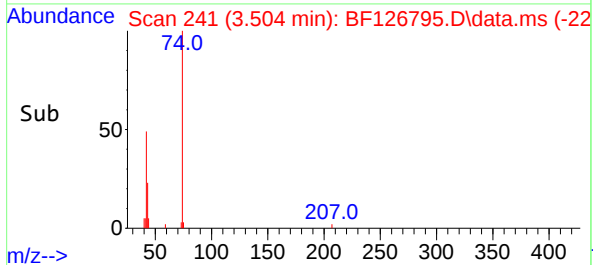
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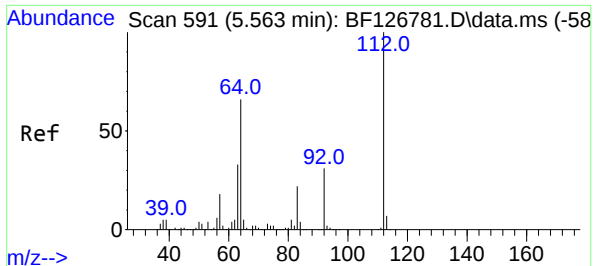


#4
n-Nitrosodimethylamine
Concen: 4.215 ng
RT: 3.504 min Scan# 241
Delta R.T. -0.024 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33



Tgt Ion: 42 Resp: 20107
Ion Ratio Lower Upper
42 100
74 204.2 125.6 188.4#
44 9.5 5.7 8.5#





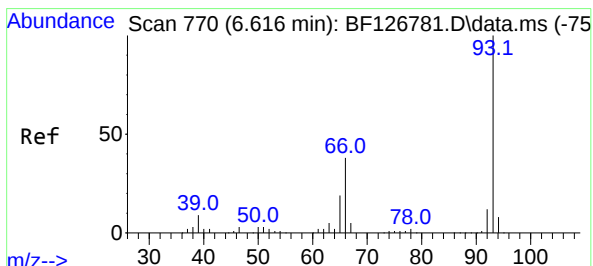
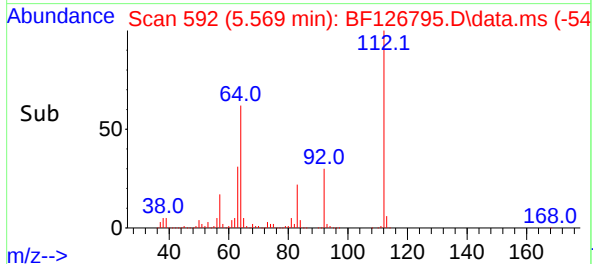
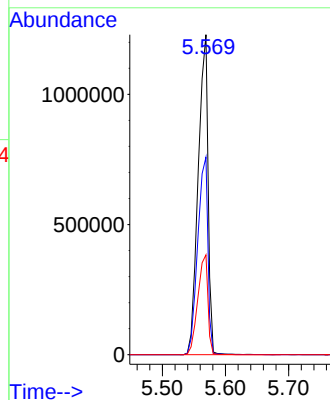
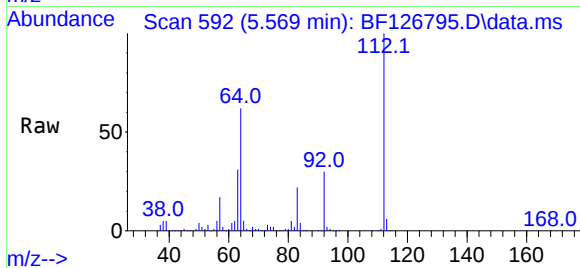
#5
2-Fluorophenol
Concen: 118.354 ng
RT: 5.569 min Scan# 591
Delta R.T. 0.006 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

Tgt Ion:112 Resp: 133189
Ion Ratio Lower Upper
112 100
64 61.7 49.5 74.3
63 31.2 23.9 35.9

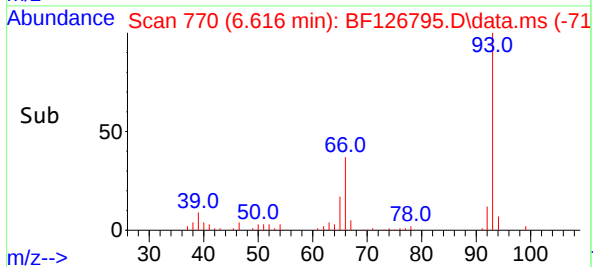
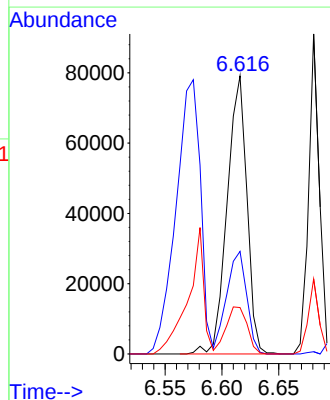
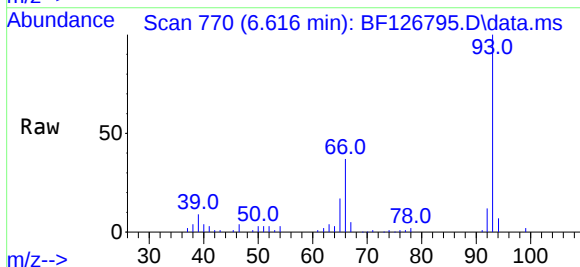
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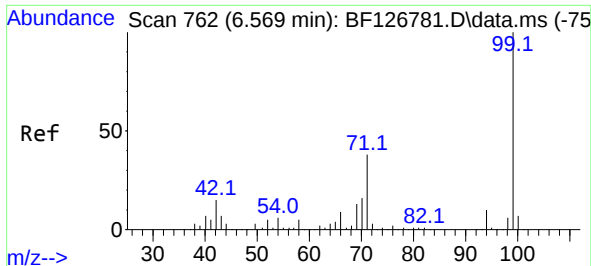
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022



#6
Aniline
Concen: 4.813 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

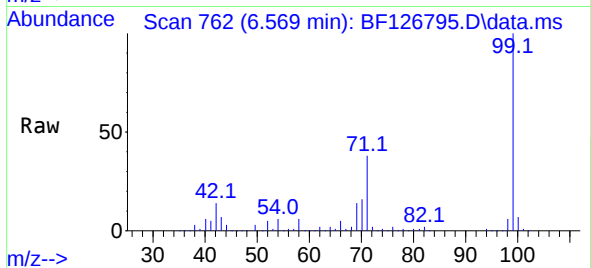
Tgt Ion: 93 Resp: 95594
Ion Ratio Lower Upper
93 100
66 36.9 32.2 48.4
65 16.7 16.3 24.5





#7
Phenol-d6
Concen: 124.895 ng
RT: 6.569 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

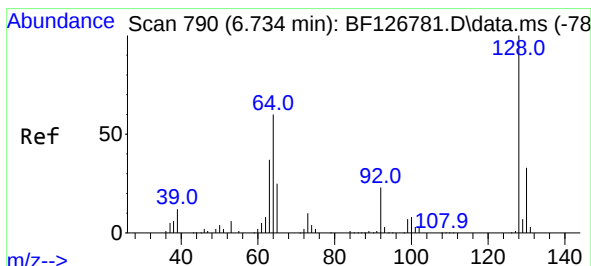
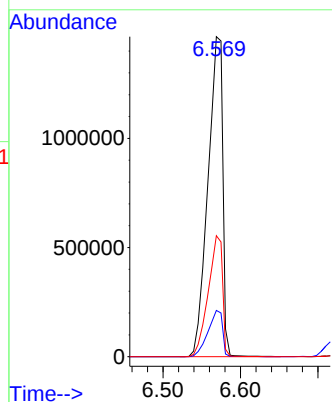
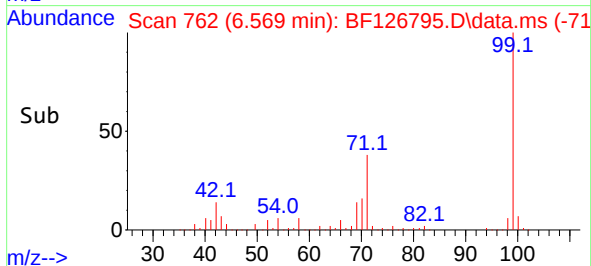
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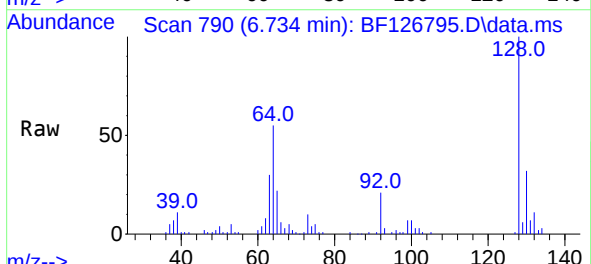
Tgt Ion: 99 Resp: 1944194
Ion Ratio Lower Upper
99 100
42 14.5 14.2 21.4
71 37.8 24.3 36.5

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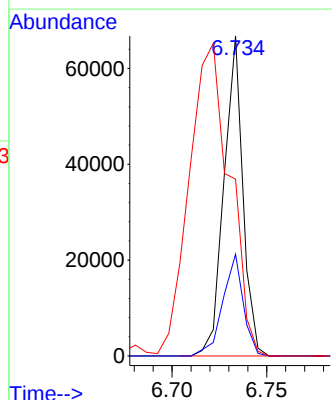
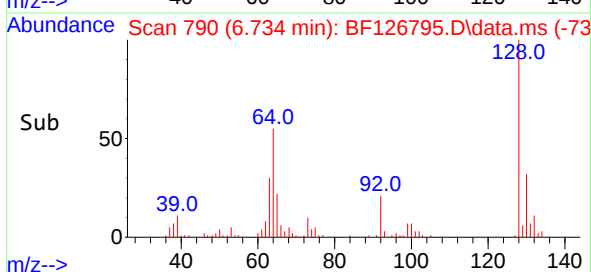
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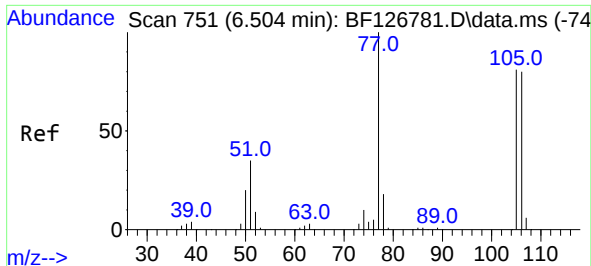


#8
2-Chlorophenol
Concen: 4.508 ng
RT: 6.734 min Scan# 790
Delta R.T. -0.000 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33



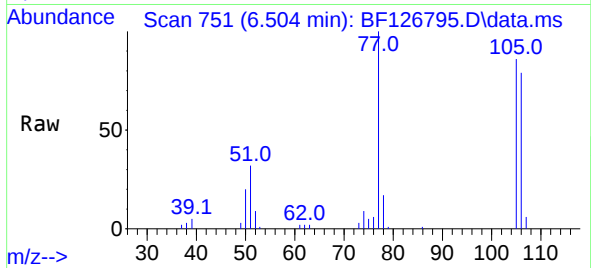
Tgt Ion:128 Resp: 46390
Ion Ratio Lower Upper
128 100
130 31.8 12.7 52.7
64 55.2 35.6 75.6





#9
Benzaldehyde
Concen: 5.284 ng
RT: 6.504 min Scan# 714
Delta R.T. -0.000 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

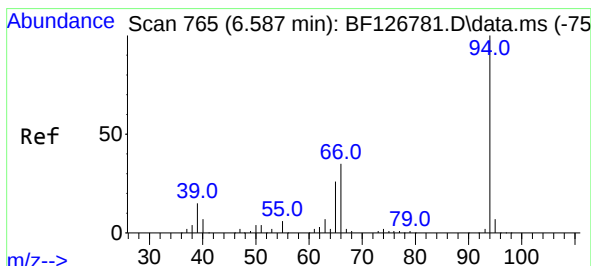
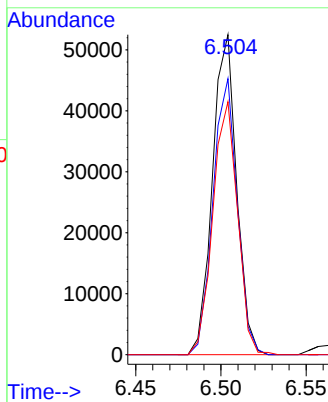
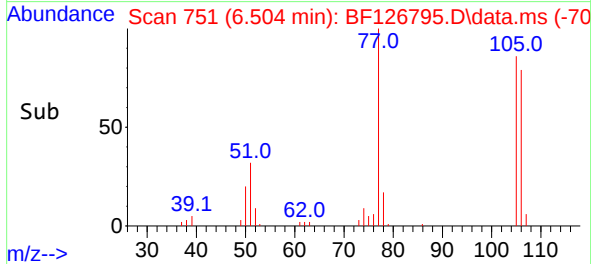
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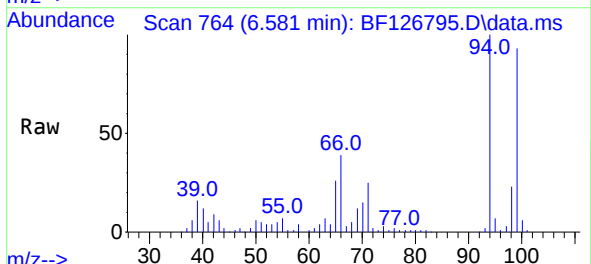
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Ion Ratio Lower Upper
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105 86.3 74.9 114.9
106 79.1 72.4 112.4

Manual Integrations
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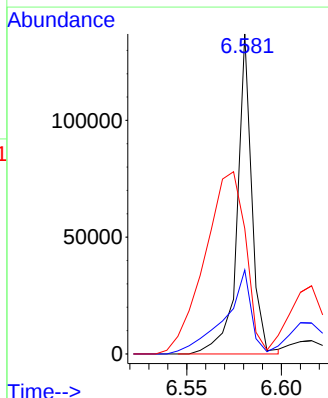
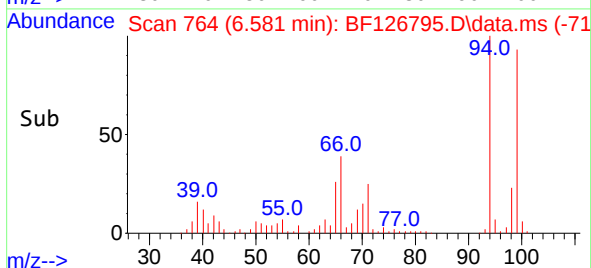
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

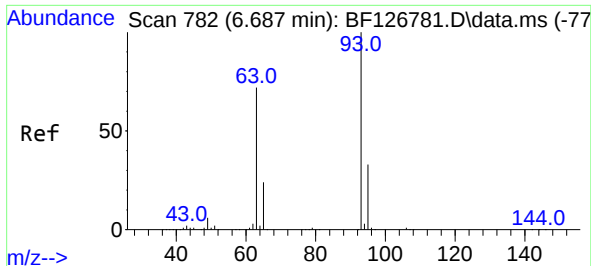


#10
Phenol
Concen: 4.390 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33



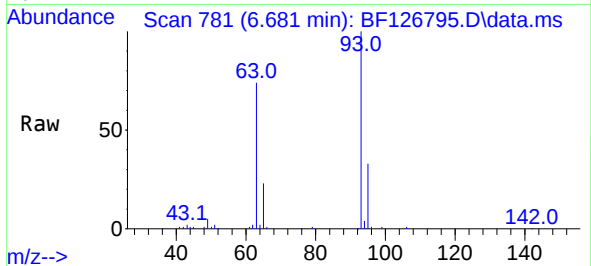
Tgt Ion: 94 Resp: 73150
Ion Ratio Lower Upper
94 100
65 26.3 7.2 47.2
66 39.2 14.5 54.5





#11
bis(2-Chloroethyl)ether
Concen: 4.472 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.006 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

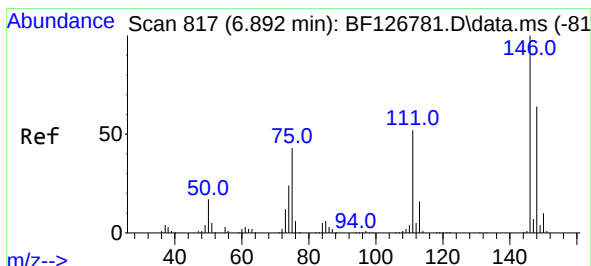
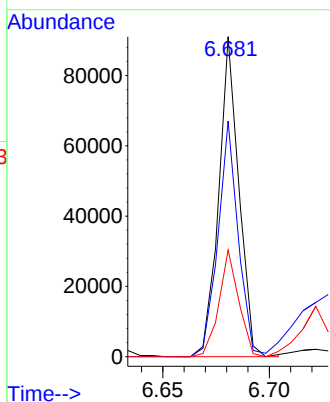
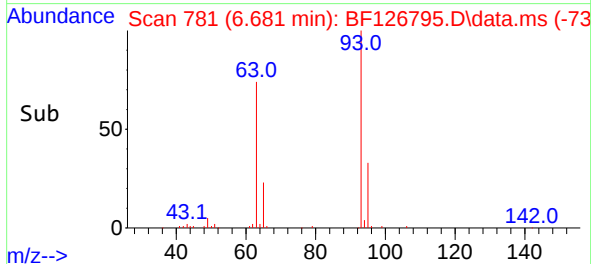
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



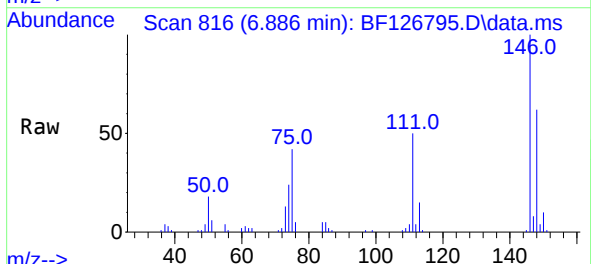
Tgt Ion: 93 Resp: 60032
Ion Ratio Lower Upper
93 100
63 73.7 60.5 100.5
95 33.3 12.9 52.9

Manual Integrations
APPROVED

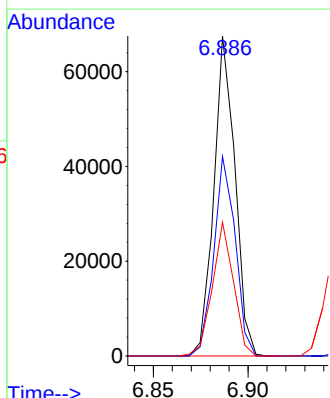
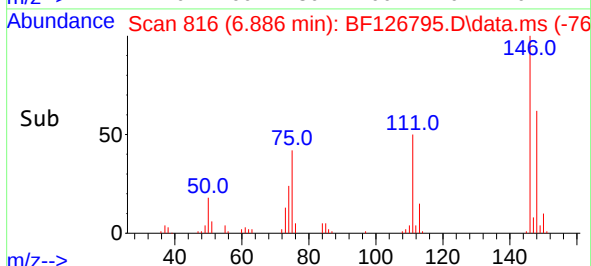
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

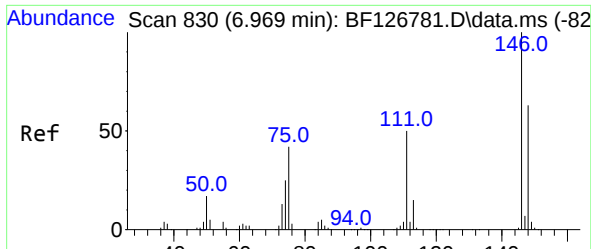


#12
1,3-Dichlorobenzene
Concen: 4.527 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33



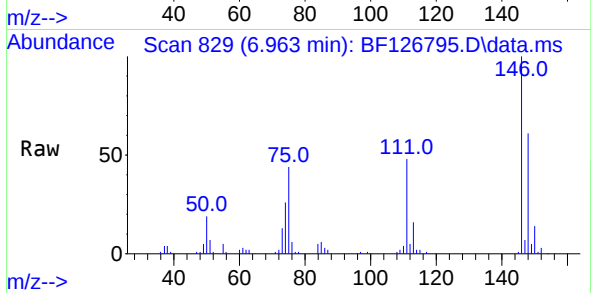
Tgt Ion:146 Resp: 52448
Ion Ratio Lower Upper
146 100
148 62.3 50.9 76.3
75 41.8 28.4 42.6





#13
1,4-Dichlorobenzene
Concen: 4.574 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

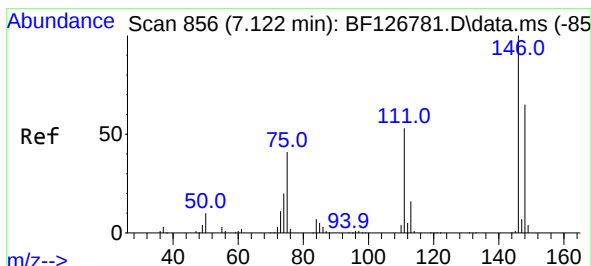
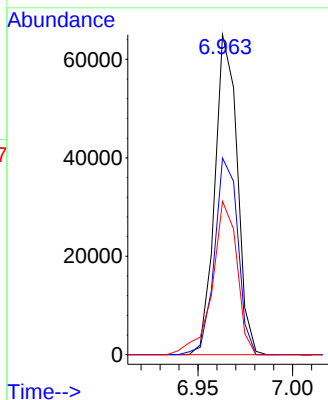
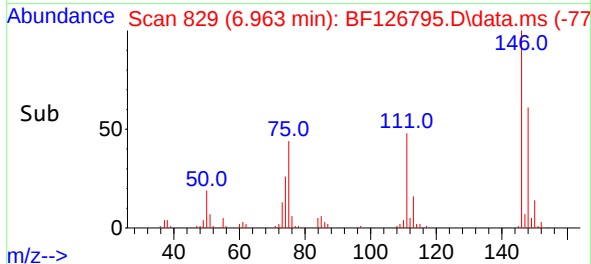
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



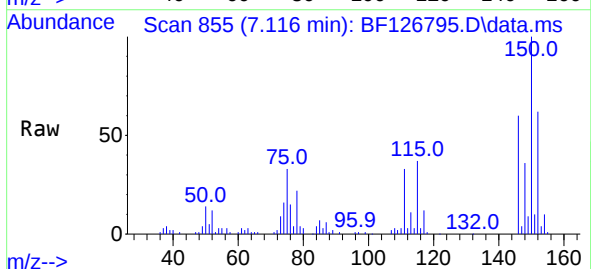
Tgt Ion:146 Resp: 5356
Ion Ratio Lower Upper
146 100
148 61.4 49.8 74.6
111 47.9 36.1 54.1

Manual Integrations
APPROVED

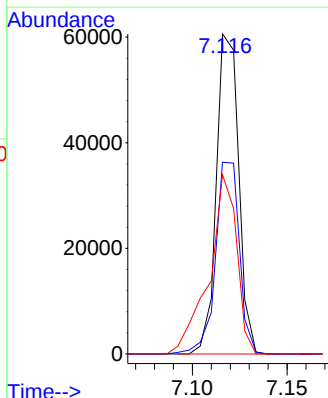
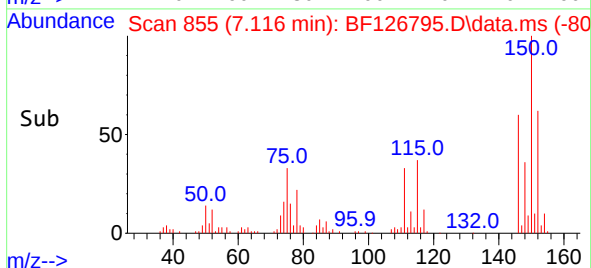
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

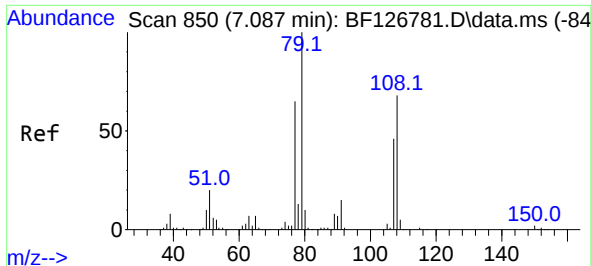


#14
1,2-Dichlorobenzene
Concen: 4.363 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33



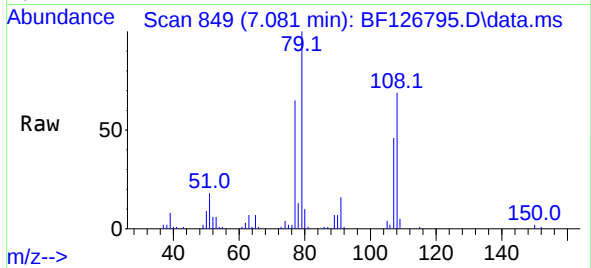
Tgt Ion:146 Resp: 49651
Ion Ratio Lower Upper
146 100
148 59.9 51.6 77.4
111 56.0 40.2 60.2





#15
Benzyl Alcohol
Concen: 5.103 ng m
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

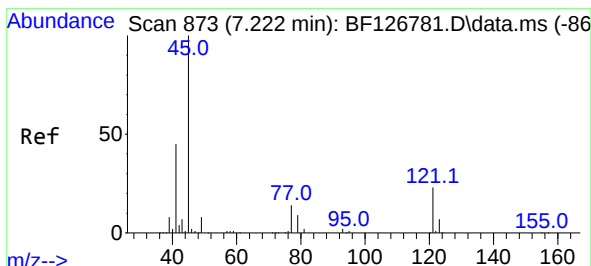
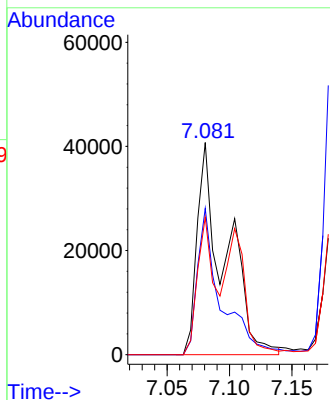
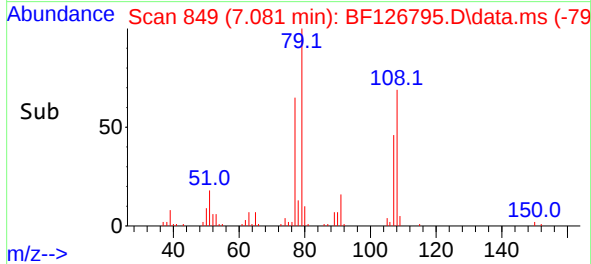
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



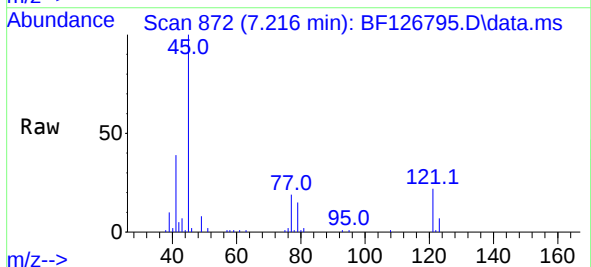
Tgt Ion: 79 Resp: 63468
Ion Ratio Lower Upper
79 100
108 68.9 63.2 94.8
77 64.8 49.4 74.2

Manual Integrations
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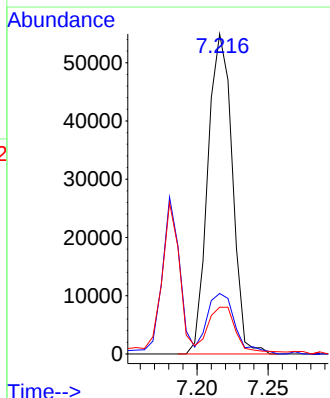
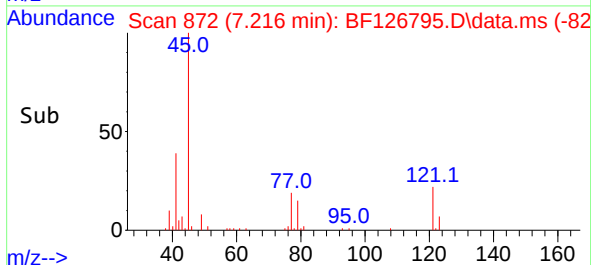
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

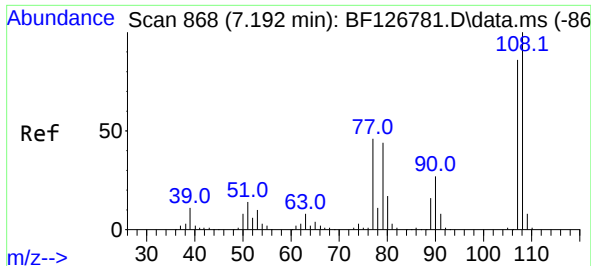


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.543 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33



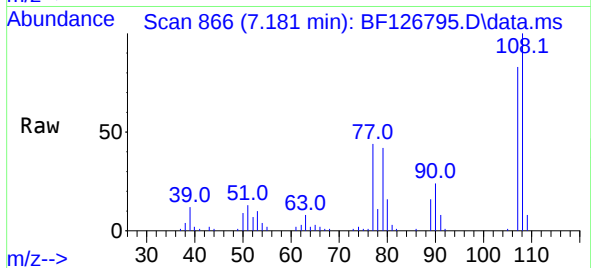
Tgt Ion: 45 Resp: 65699
Ion Ratio Lower Upper
45 100
77 18.9 0.0 32.4
79 14.6 0.0 29.8





#17
2-Methylphenol
Concen: 4.305 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

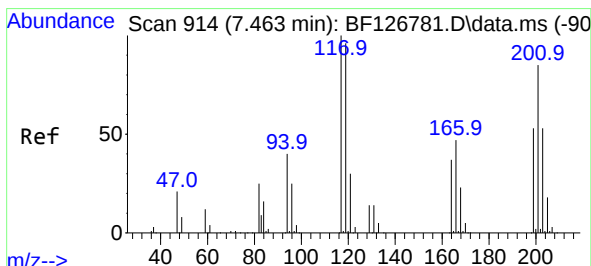
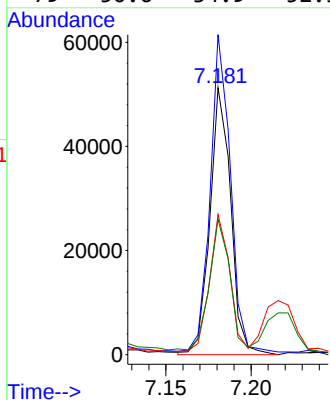
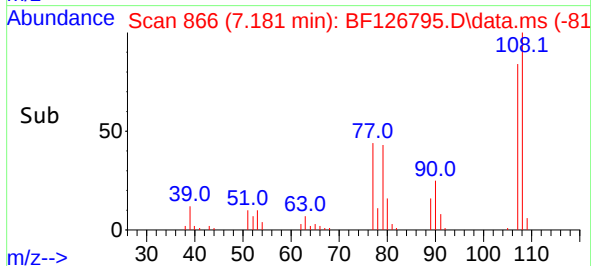
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



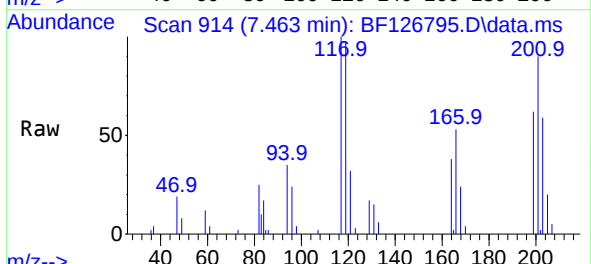
Tgt Ion:107 Resp: 4356
Ion Ratio Lower Upper
107 100
108 119.8 93.4 140.0
77 52.5 36.1 54.1
79 50.6 34.9 52.3

Manual Integrations
APPROVED

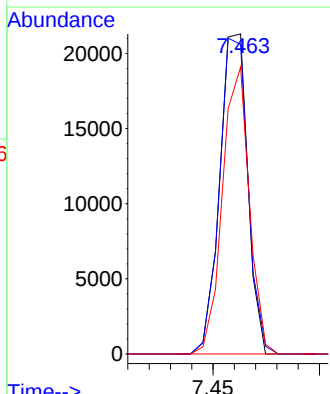
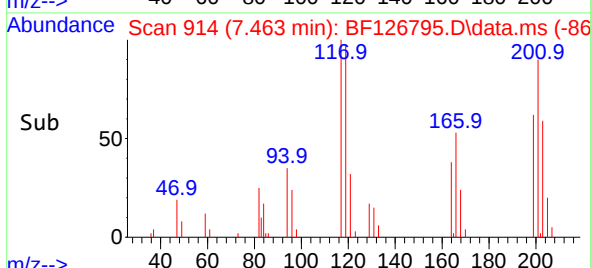
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

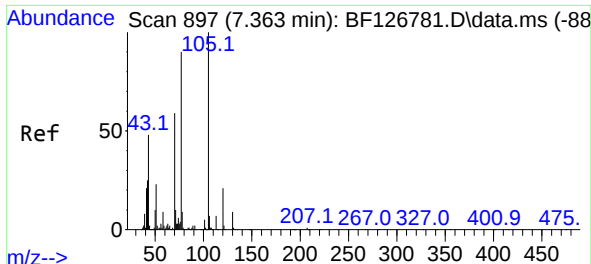


#18
Hexachloroethane
Concen: 4.237 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33



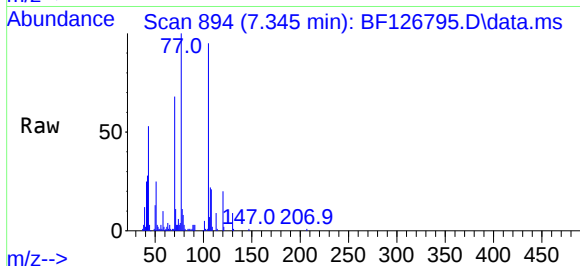
Tgt Ion:117 Resp: 19439
Ion Ratio Lower Upper
117 100
119 96.7 75.4 113.0
201 89.6 56.8 85.2#





#19
n-Nitroso-di-n-propylamine
Concen: 4.470 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

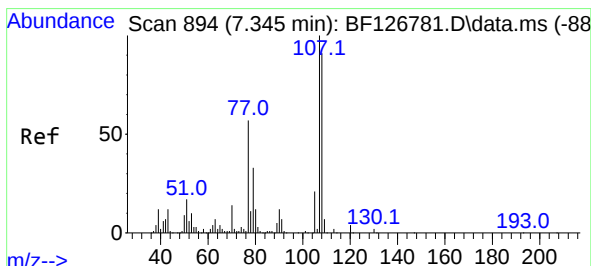
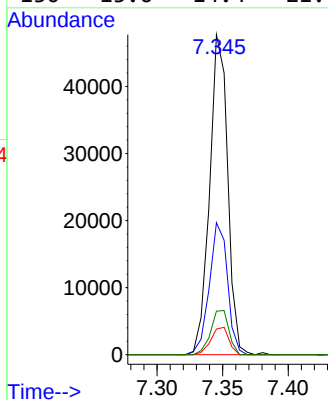
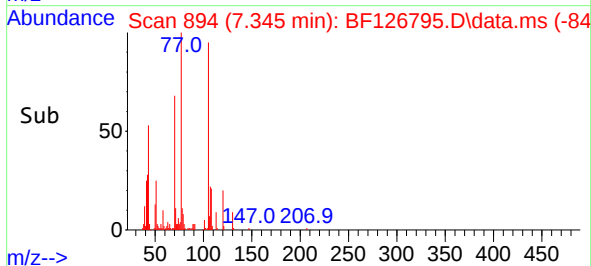
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



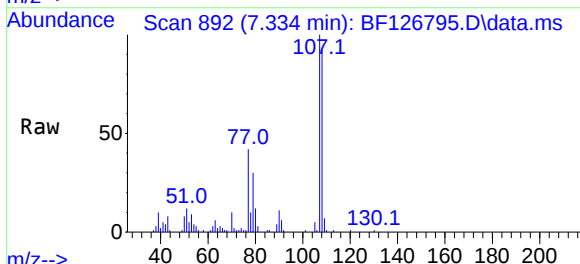
Tgt Ion: 70 Resp: 45818
Ion Ratio Lower Upper
70 100
42 41.2 45.8 68.8
101 8.0 6.9 10.3
130 13.6 14.4 21.6#

Manual Integrations
APPROVED

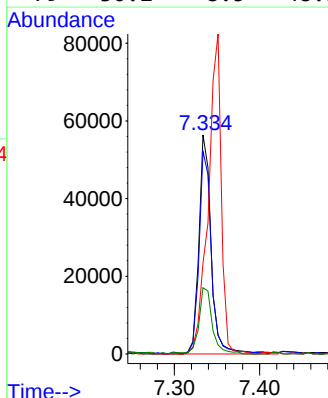
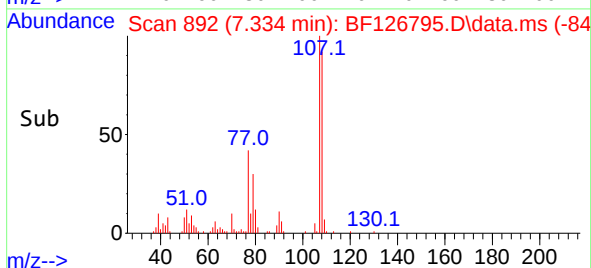
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

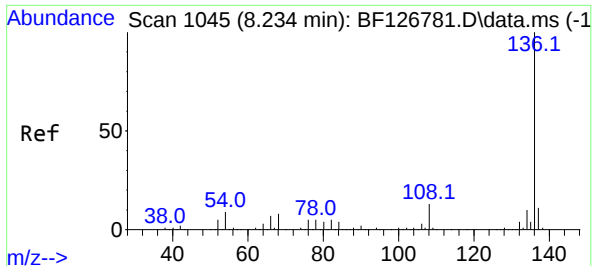


#20
3+4-Methylphenols
Concen: 4.440 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.012 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33



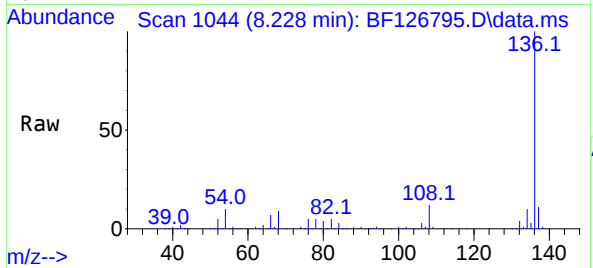
Tgt Ion:107 Resp: 56592
Ion Ratio Lower Upper
107 100
108 92.5 72.4 112.4
77 41.6 83.8 123.8#
79 30.2 8.5 48.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

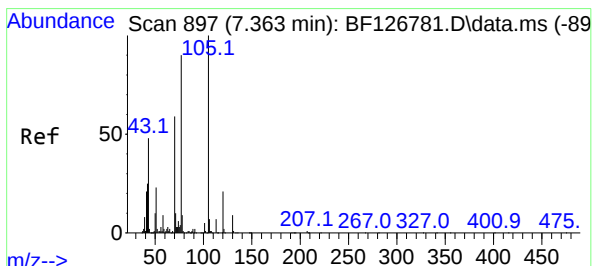
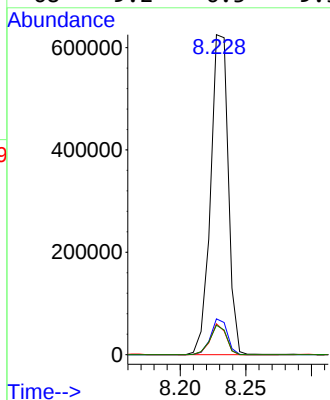
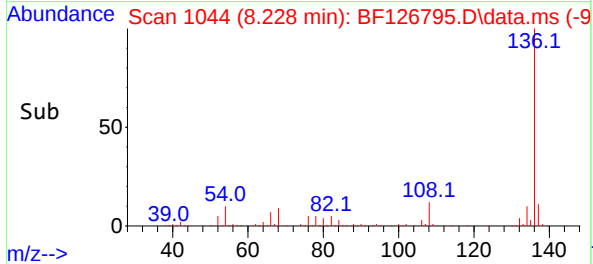
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



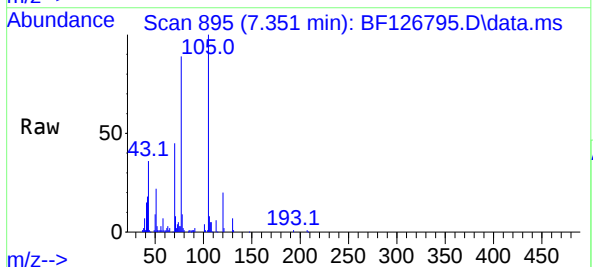
Tgt Ion:	136	Resp:	585692
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.6	13.0
54	9.7	7.8	11.6
68	9.2	6.3	9.5

Manual Integrations
APPROVED

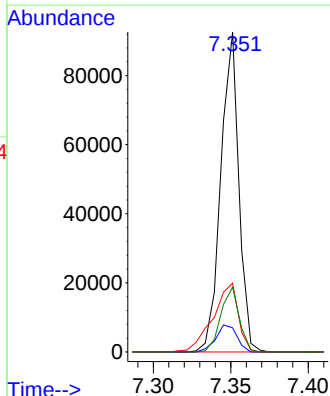
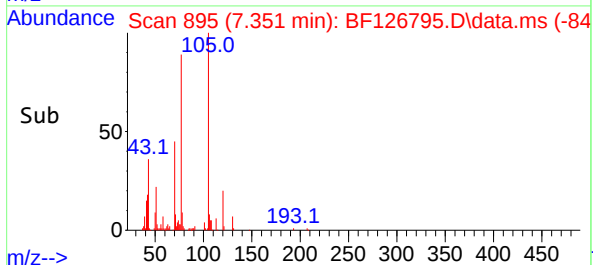
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

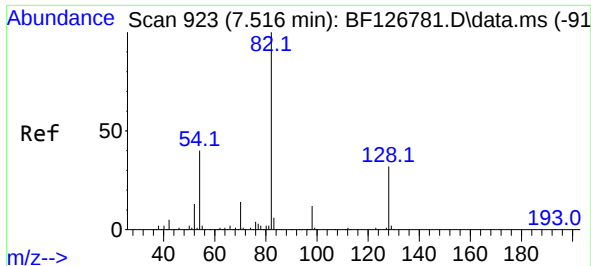


#22
Acetophenone
Concen: 4.415 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33



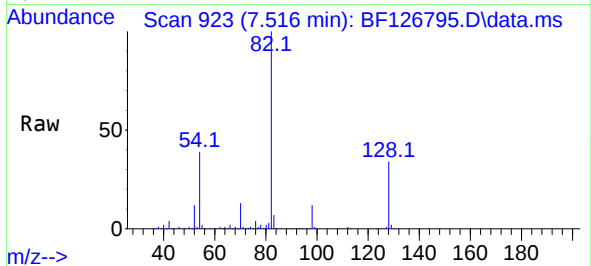
Tgt Ion:	105	Resp:	74826
Ion Ratio	Lower	Upper	
105	100		
71	7.6	5.4	8.0
51	21.5	27.4	41.0#
120	20.3	17.0	25.6





#23
Nitrobenzene-d5
Concen: 79.607 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

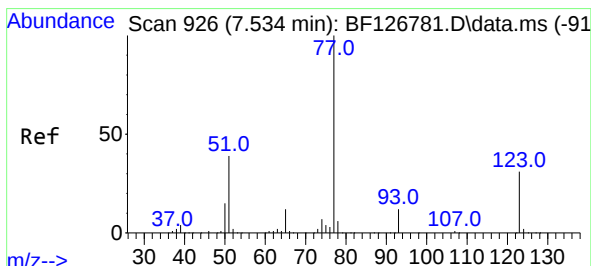
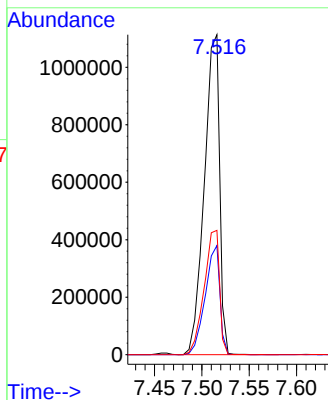
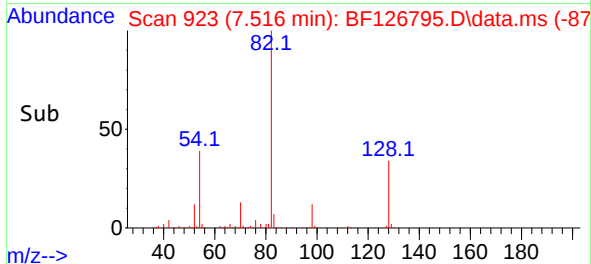
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



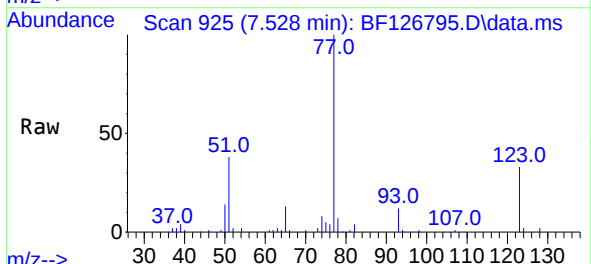
Tgt Ion: 82 Resp: 124582
Ion Ratio Lower Upper
82 100
128 34.1 32.7 49.1
54 38.8 41.7 62.5

Manual Integrations
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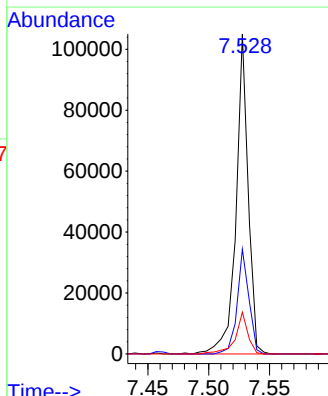
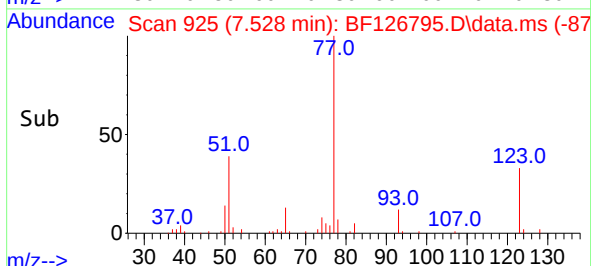
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

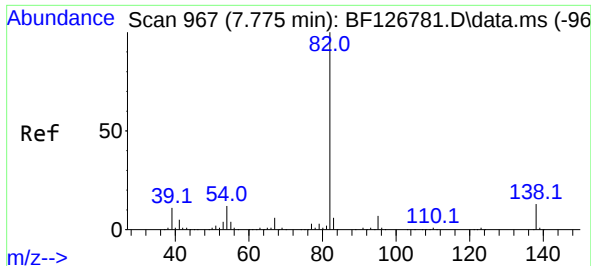


#24
Nitrobenzene
Concen: 4.680 ng
RT: 7.528 min Scan# 925
Delta R.T. -0.006 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33



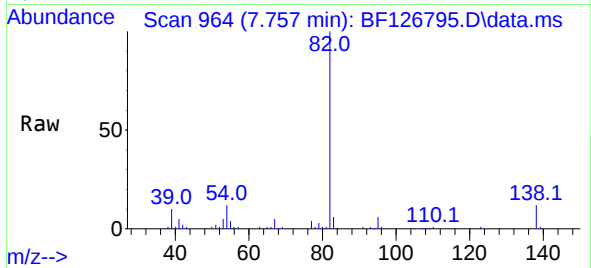
Tgt Ion: 77 Resp: 72701
Ion Ratio Lower Upper
77 100
123 32.7 34.6 52.0#
65 13.1 10.6 15.8





#25
Isophorone
Concen: 4.361 ng
RT: 7.757 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

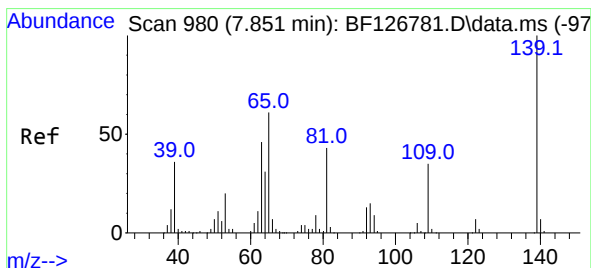
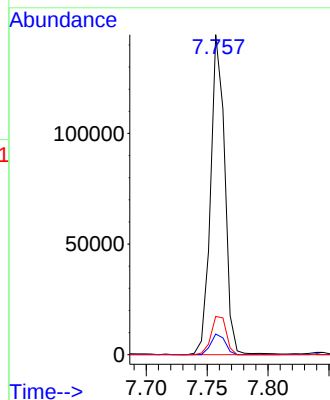
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 82 Resp: 117129
Ion Ratio Lower Upper
82 100
95 6.5 5.0 7.4
138 12.0 12.3 18.5

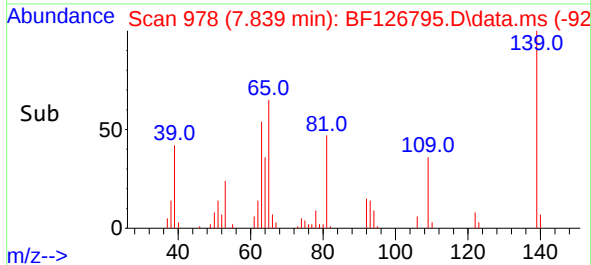
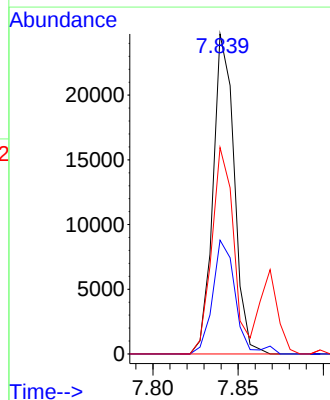
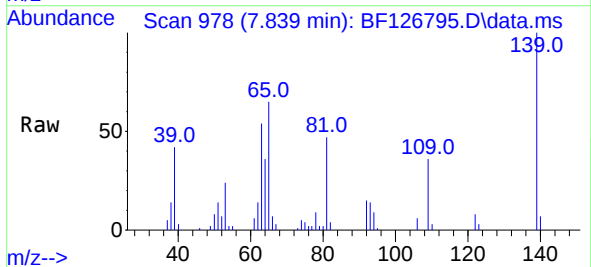
Manual Integrations
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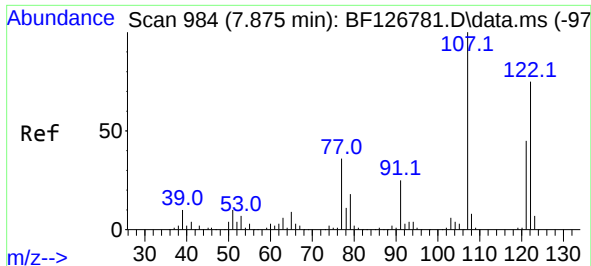
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022



#26
2-Nitrophenol
Concen: 4.126 ng
RT: 7.839 min Scan# 978
Delta R.T. -0.012 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

Tgt Ion:139 Resp: 21360
Ion Ratio Lower Upper
139 100
109 35.6 20.0 30.0#
65 64.5 40.8 61.2#





#27

2,4-Dimethylphenol

Concen: 4.914 ng

RT: 7.869 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF126795.D

Acq: 03 Feb 2022 13:33

Instrument :

BNA_F

ClientSampleId :

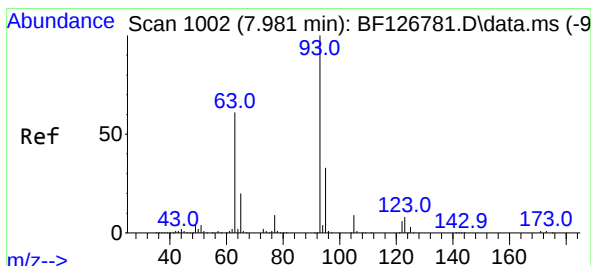
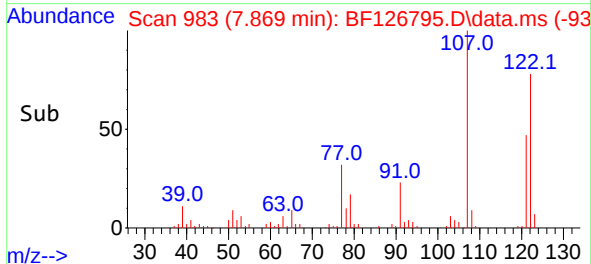
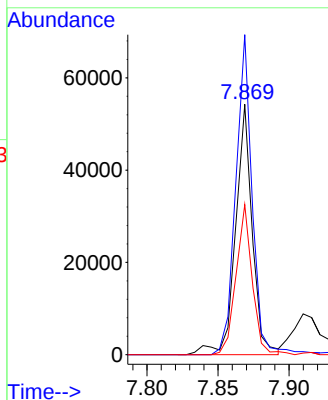
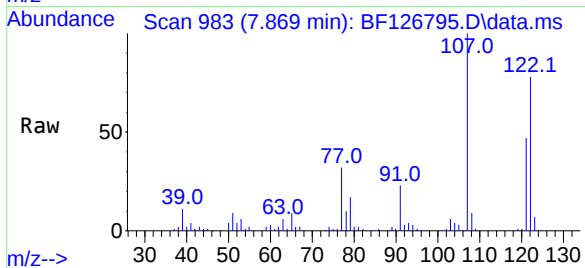
LOD-MDL-WATER-01-QT4-2021

Tgt Ion:122 Resp: 44439
 Ion Ratio Lower Upper
 122 100
 107 127.8 91.2 136.8
 121 59.9 44.4 66.6

Manual Integrations

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Reviewed By :Christian Giraldo 02/10/2022
 Supervised By :mohammad ahmed 02/10/2022



#28

bis(2-Chloroethoxy)methane

Concen: 4.411 ng

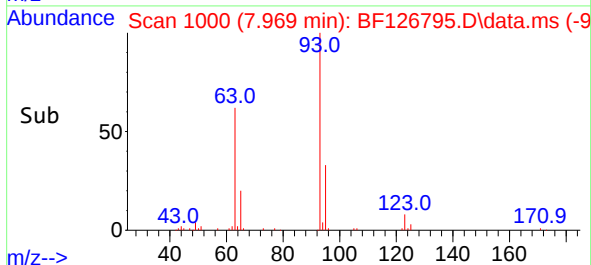
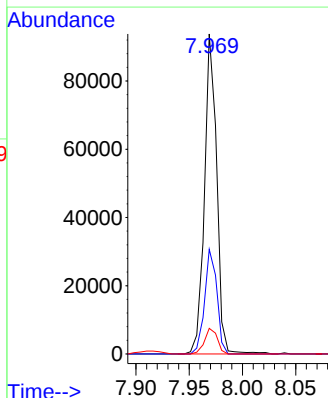
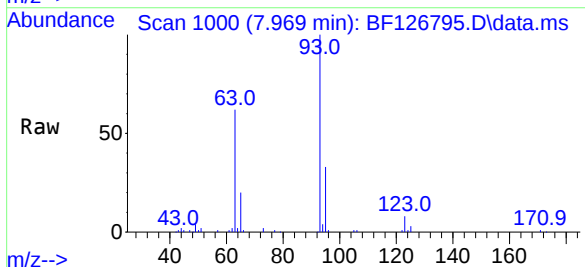
RT: 7.969 min Scan# 1000

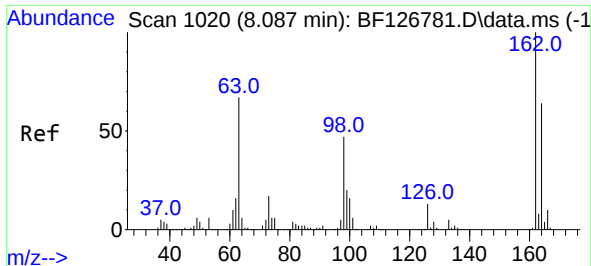
Delta R.T. -0.012 min

Lab File: BF126795.D

Acq: 03 Feb 2022 13:33

Tgt Ion: 93 Resp: 75136
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.4 38.2
 123 8.0 8.9 13.3#





#29

2,4-Dichlorophenol

Concen: 4.360 ng

RT: 8.075 min Scan# 1018

Delta R.T. -0.012 min

Lab File: BF126795.D

Acq: 03 Feb 2022 13:33

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion:162 Resp: 3881

Ion Ratio Lower Upper

162 100

164 56.4 43.8 83.8

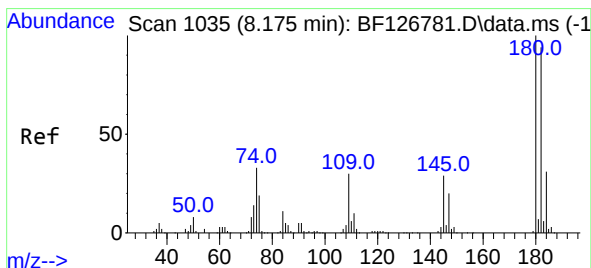
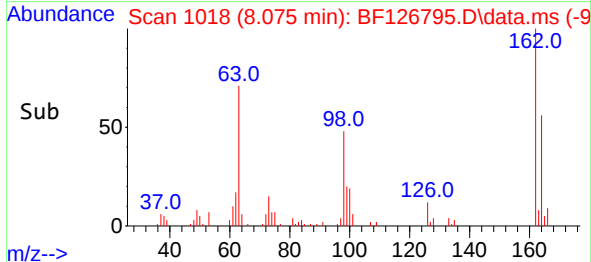
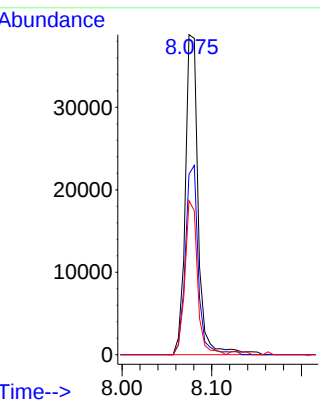
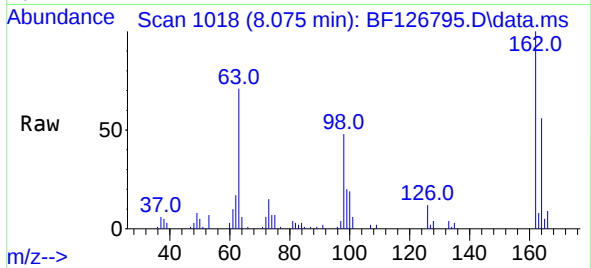
98 48.1 23.6 63.6

Manual Integrations

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Reviewed By :Christian Giraldo 02/10/2022

Supervised By :mohammad ahmed 02/10/2022



#30

1,2,4-Trichlorobenzene

Concen: 4.428 ng

RT: 8.169 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF126795.D

Acq: 03 Feb 2022 13:33

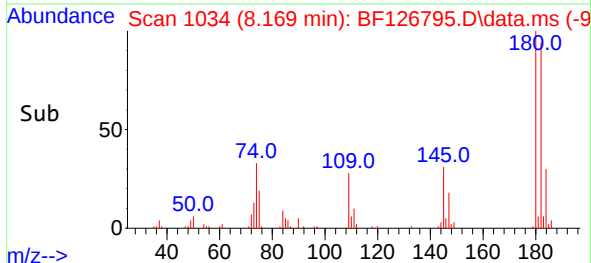
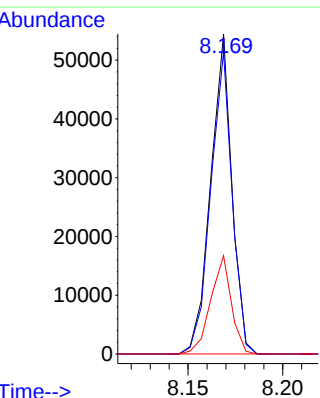
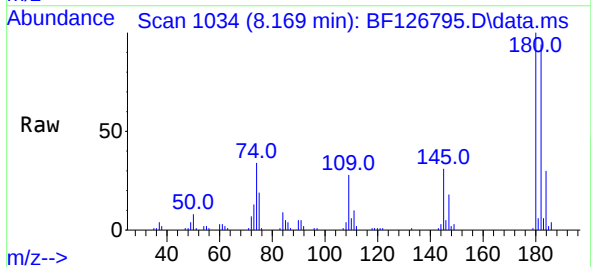
Tgt Ion:180 Resp: 42393

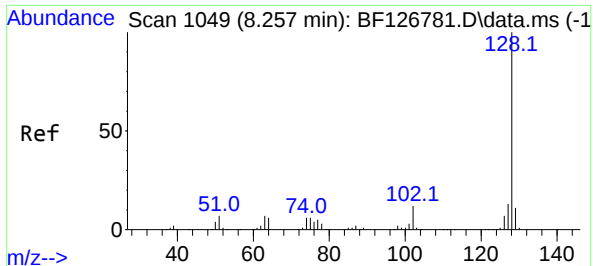
Ion Ratio Lower Upper

180 100

182 94.5 75.5 113.3

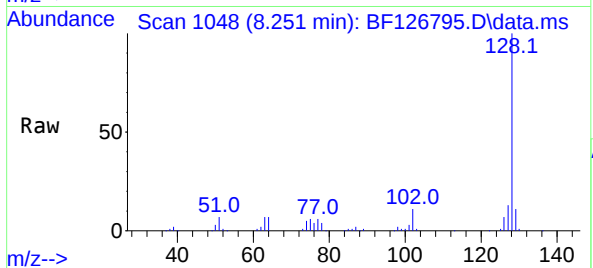
145 30.7 26.2 39.2





#31
Naphthalene
Concen: 4.684 ng
RT: 8.251 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

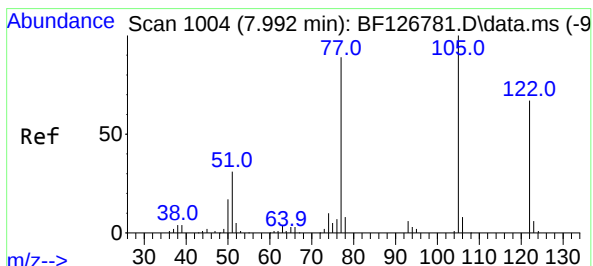
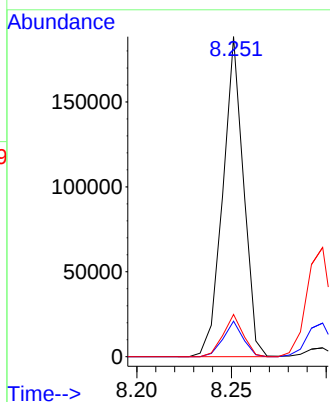
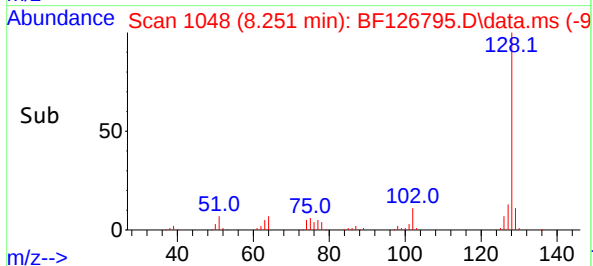
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:128 Resp: 14338
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.2 10.3 15.5

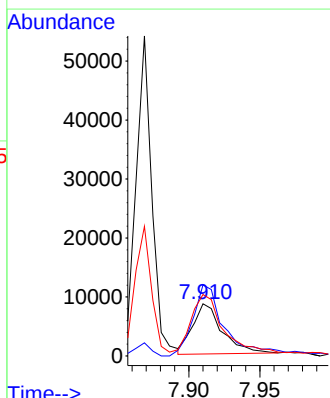
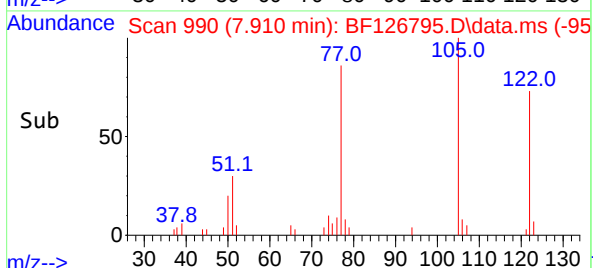
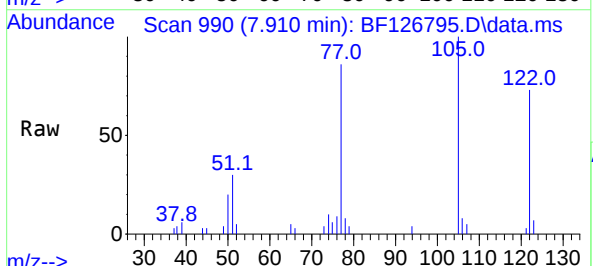
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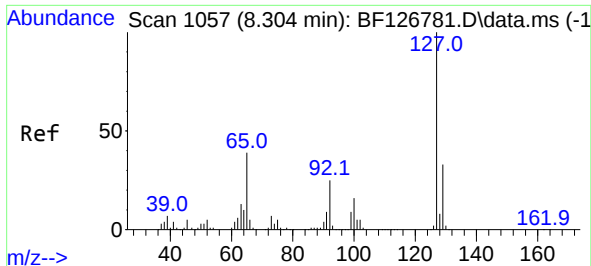
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022



#32
Benzoic acid
Concen: 1.783 ng
RT: 7.910 min Scan# 990
Delta R.T. -0.082 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

Tgt Ion:122 Resp: 12441
Ion Ratio Lower Upper
122 100
105 136.3 101.0 141.0
77 117.7 74.5 114.5#





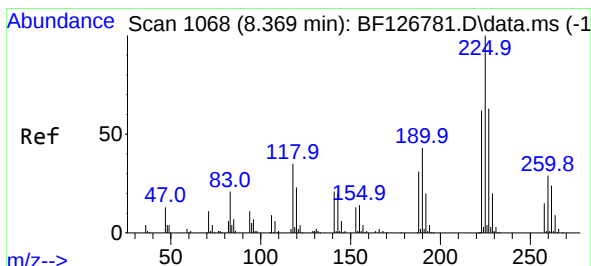
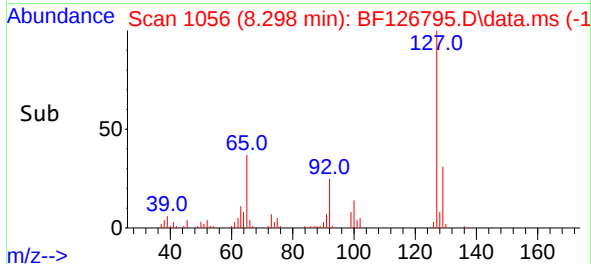
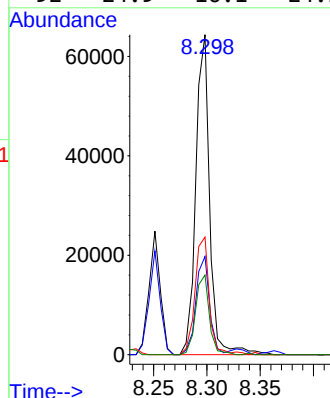
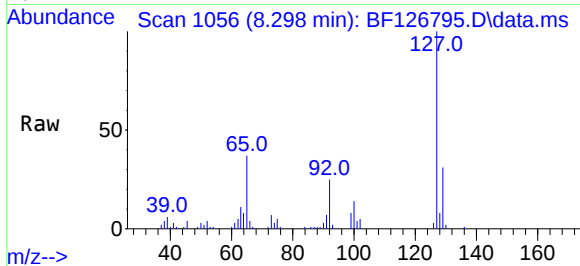
#33
4-Chloroaniline
Concen: 4.726 ng
RT: 8.298 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

Tgt Ion:127 Resp: 5845
Ion Ratio Lower Upper
127 100
129 30.7 26.5 39.7
65 36.7 26.6 39.8
92 24.9 16.1 24.1#

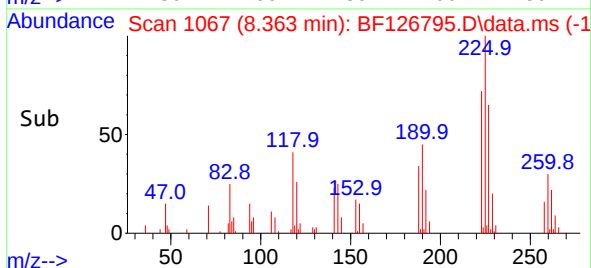
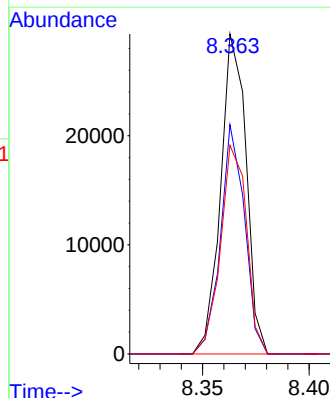
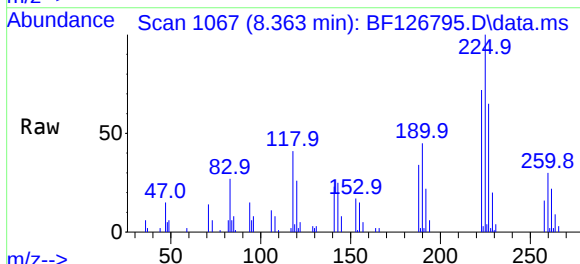
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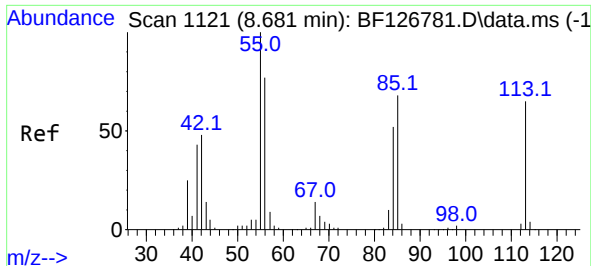
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022



#34
Hexachlorobutadiene
Concen: 4.066 ng
RT: 8.363 min Scan# 1067
Delta R.T. -0.006 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

Tgt Ion:225 Resp: 24400
Ion Ratio Lower Upper
225 100
223 71.7 48.6 73.0
227 65.2 51.4 77.0





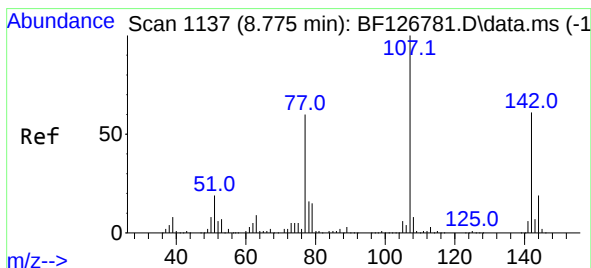
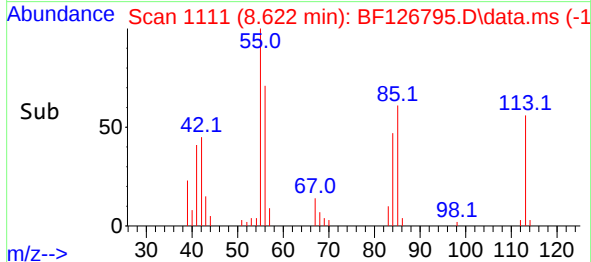
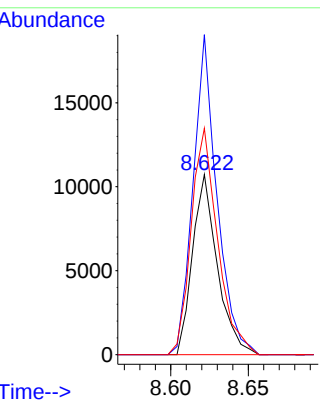
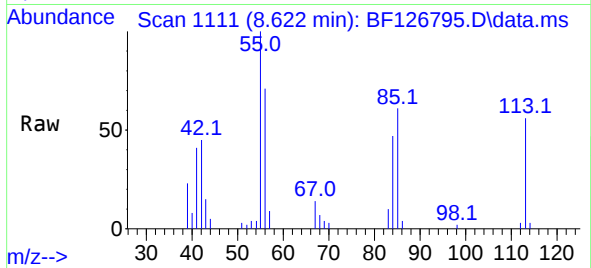
#35
Caprolactam
Concen: 3.682 ng
RT: 8.622 min Scan# 1111
Delta R.T. -0.059 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

Tgt Ion:113 Resp: 11920
Ion Ratio Lower Upper
113 100
55 177.6 183.9 223.9
56 125.7 129.9 169.9

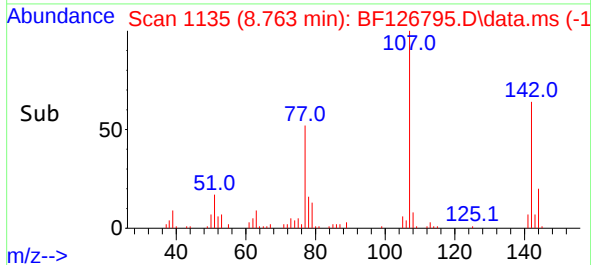
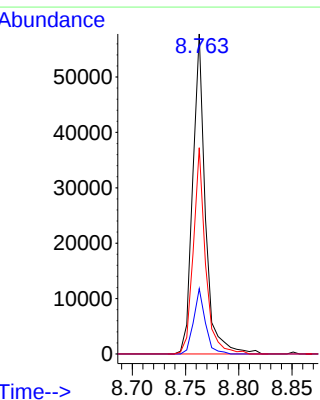
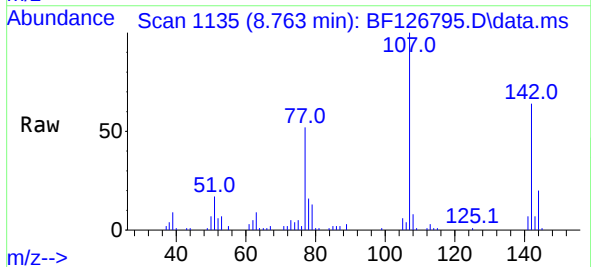
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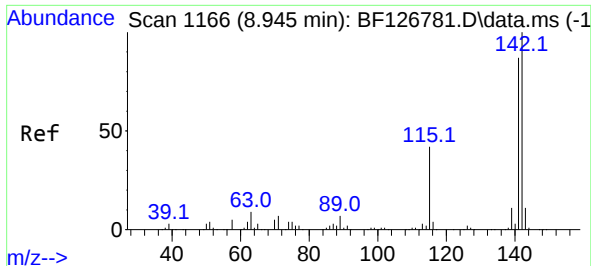
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022



#36
4-Chloro-3-methylphenol
Concen: 4.212 ng
RT: 8.763 min Scan# 1135
Delta R.T. -0.012 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

Tgt Ion:107 Resp: 47790
Ion Ratio Lower Upper
107 100
144 20.4 18.5 27.7
142 64.4 58.1 87.1





#37

2-Methylnaphthalene

Concen: 4.952 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF126795.D

Acq: 03 Feb 2022 13:33

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion:142 Resp: 9342

Ion Ratio Lower Upper

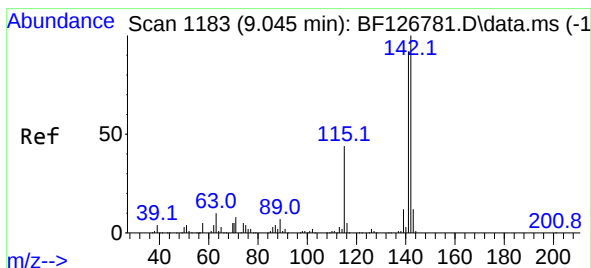
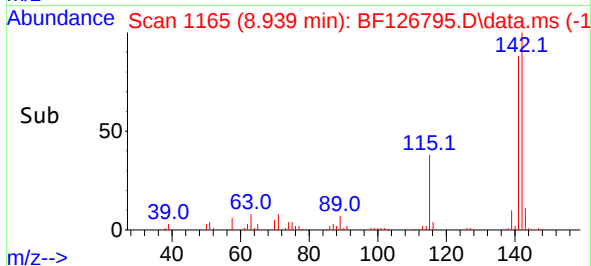
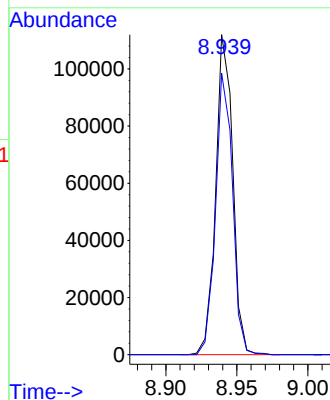
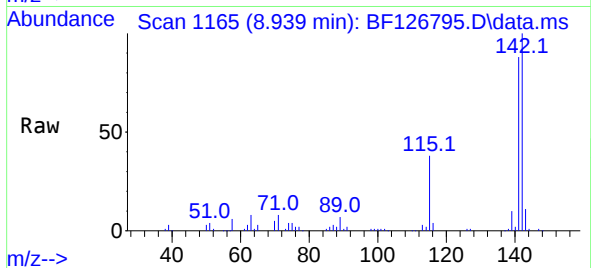
142 100

141 88.0 68.6 102.8

Manual Integrations

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Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022



#38

1-Methylnaphthalene

Concen: 4.677 ng

RT: 9.039 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF126795.D

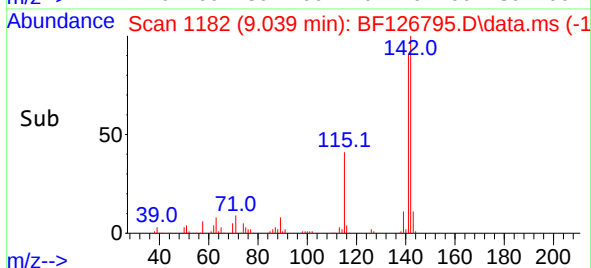
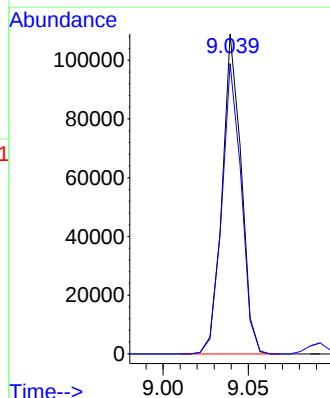
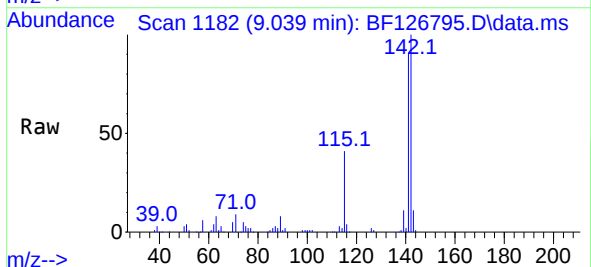
Acq: 03 Feb 2022 13:33

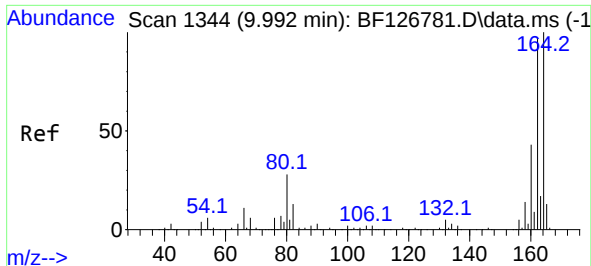
Tgt Ion:142 Resp: 84928

Ion Ratio Lower Upper

142 100

141 90.7 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.986 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF126795.D

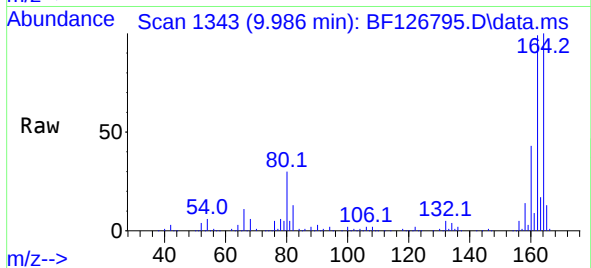
Acq: 03 Feb 2022 13:33

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021



Tgt Ion:164 Resp: 326712

Ion Ratio Lower Upper

164 100

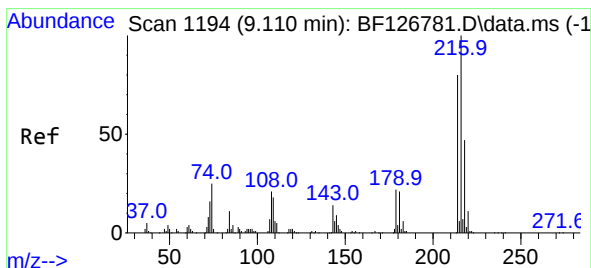
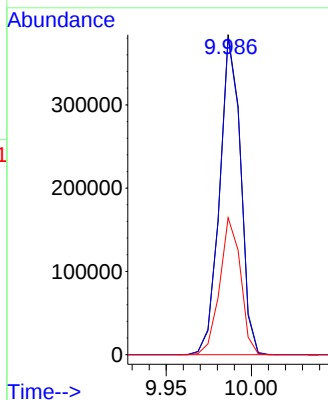
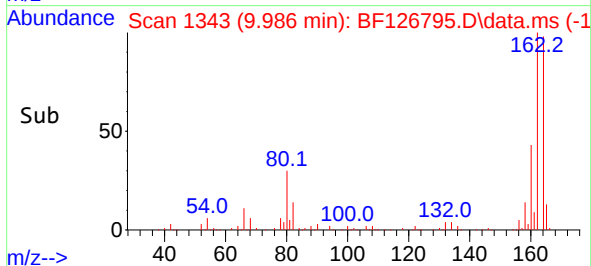
162 99.1 81.4 122.0

160 42.8 36.6 54.8

Manual Integrations

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Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.171 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF126795.D

Acq: 03 Feb 2022 13:33

Tgt Ion:216 Resp: 39233

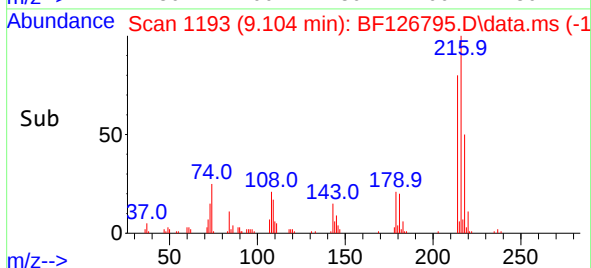
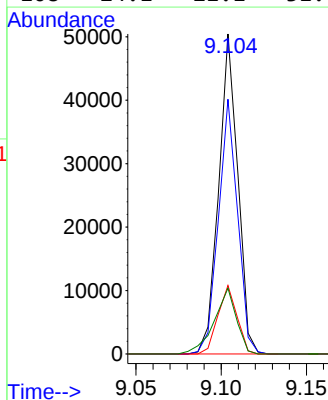
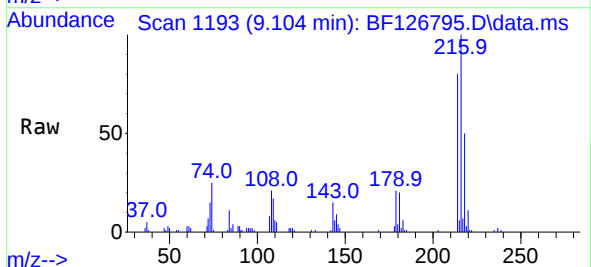
Ion Ratio Lower Upper

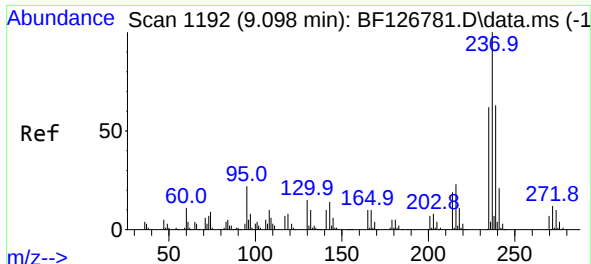
216 100

214 80.1 64.6 96.8

179 21.4 19.5 29.3

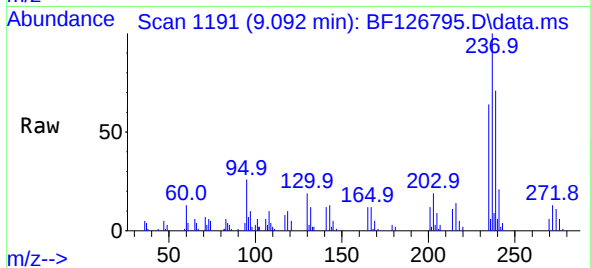
108 24.1 21.1 31.7





#41
Hexachlorocyclopentadiene
Concen: 4.188 ng
RT: 9.092 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

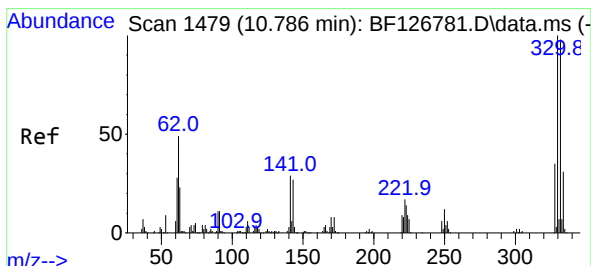
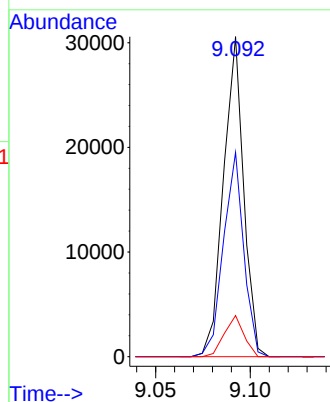
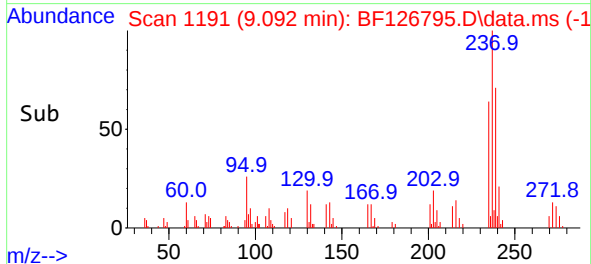
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



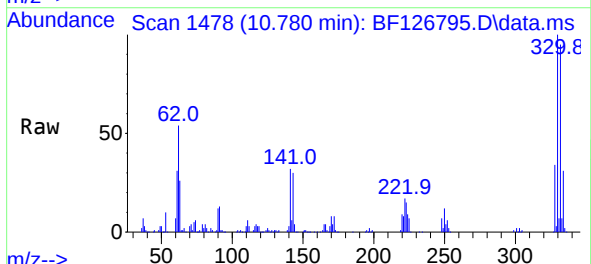
Tgt Ion:237 Resp: 22709
Ion Ratio Lower Upper
237 100
235 63.9 38.9 78.9
272 12.9 0.0 33.5

Manual Integrations
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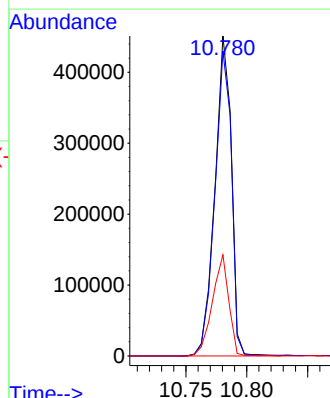
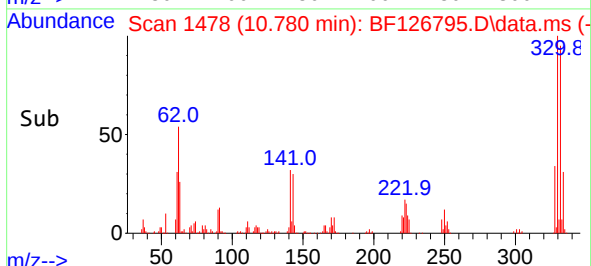
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

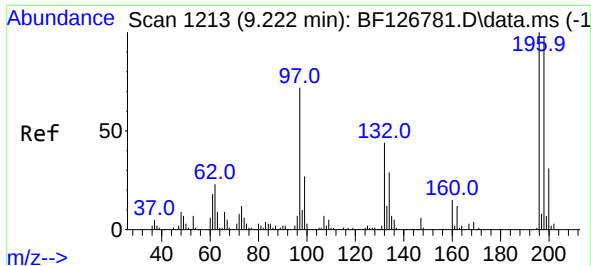


#42
2,4,6-Tribromophenol
Concen: 125.302 ng
RT: 10.780 min Scan# 1478
Delta R.T. -0.006 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33



Tgt Ion:330 Resp: 424866
Ion Ratio Lower Upper
330 100
332 96.7 76.0 114.0
141 31.4 30.1 45.1





#43

2,4,6-Trichlorophenol

Concen: 4.010 ng

RT: 9.216 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126795.D

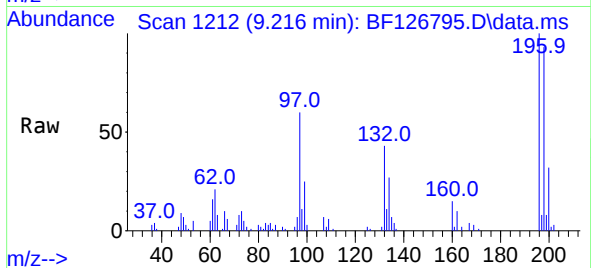
Acq: 03 Feb 2022 13:33

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021



Tgt Ion:196 Resp: 2657

Ion Ratio Lower Upper

196 100

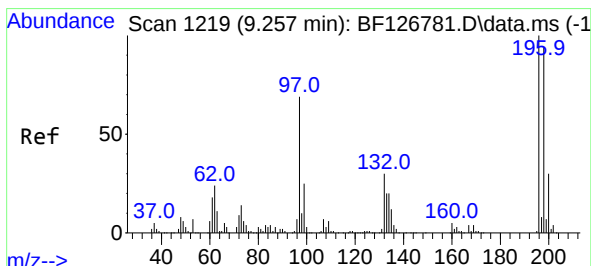
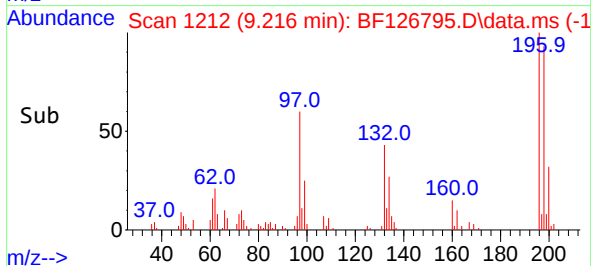
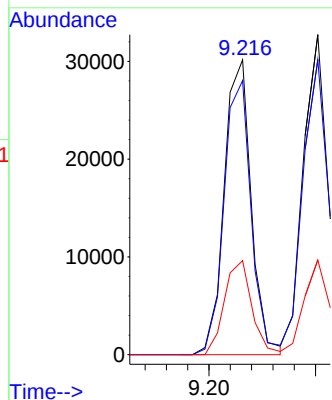
198 92.9 78.5 117.7

200 31.9 24.9 37.3

Manual Integrations

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Supervised By :mohammad ahmed 02/10/2022



#44

2,4,5-Trichlorophenol

Concen: 4.099 ng m

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF126795.D

Acq: 03 Feb 2022 13:33

Tgt Ion:196 Resp: 28358

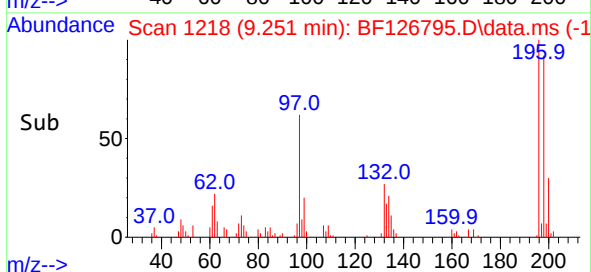
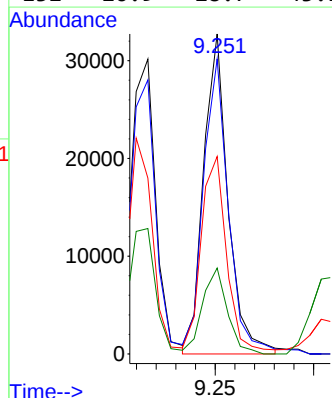
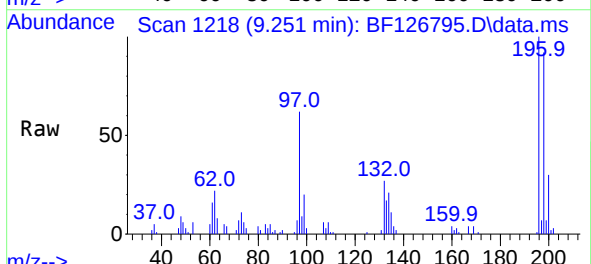
Ion Ratio Lower Upper

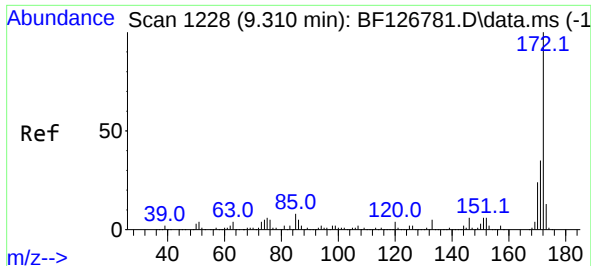
196 100

198 92.2 82.0 123.0

97 61.7 53.5 80.3

132 26.9 28.7 43.1#





#45

2-Fluorobiphenyl

Concen: 78.837 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF126795.D

Acq: 03 Feb 2022 13:33

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion:172 Resp: 155552

Ion Ratio Lower Upper

172 100

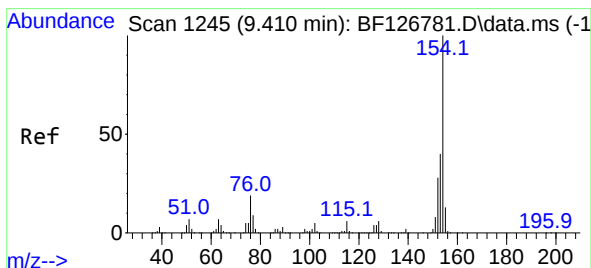
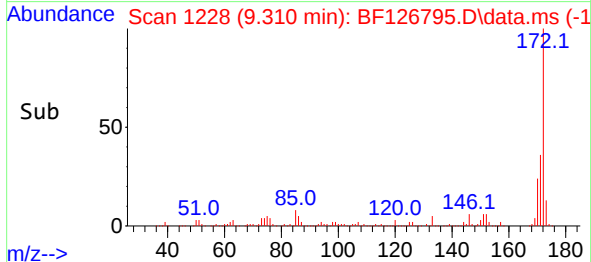
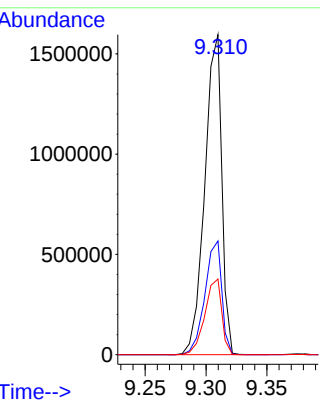
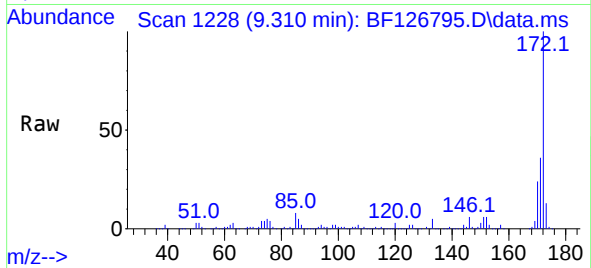
171 35.6 28.3 42.5

170 23.7 19.0 28.6

Manual Integrations

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Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022



#46

1,1'-Biphenyl

Concen: 4.642 ng

RT: 9.404 min Scan# 1244

Delta R.T. -0.006 min

Lab File: BF126795.D

Acq: 03 Feb 2022 13:33

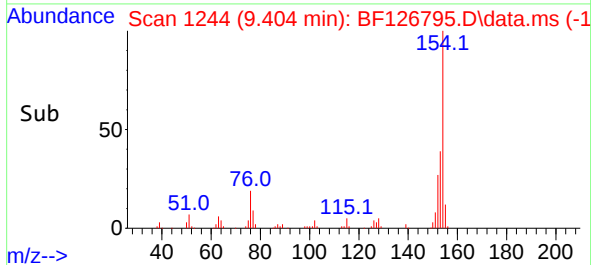
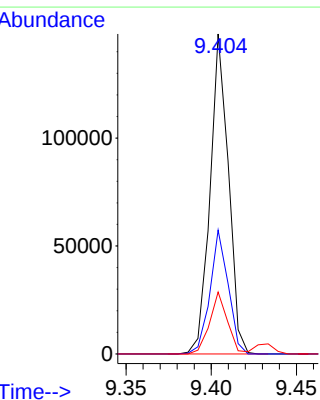
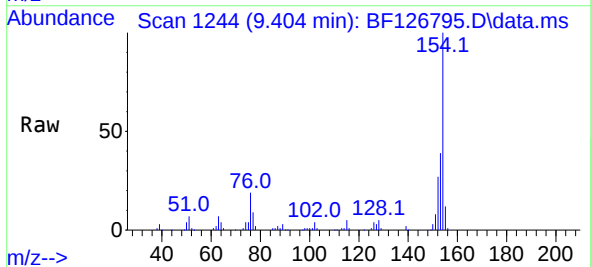
Tgt Ion:154 Resp: 111067

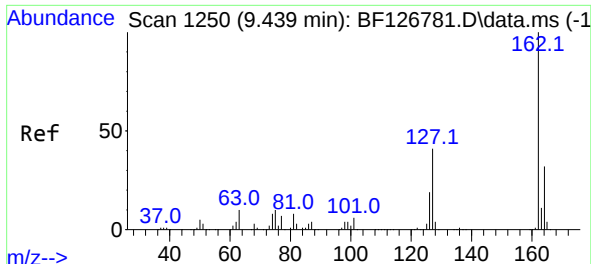
Ion Ratio Lower Upper

154 100

153 38.7 19.0 59.0

76 19.4 0.0 34.5





#47

2-Chloronaphthalene

Concen: 4.664 ng

RT: 9.433 min Scan# 1249

Delta R.T. -0.006 min

Lab File: BF126795.D

Acq: 03 Feb 2022 13:33

Instrument :

BNA_F

ClientSampleId :

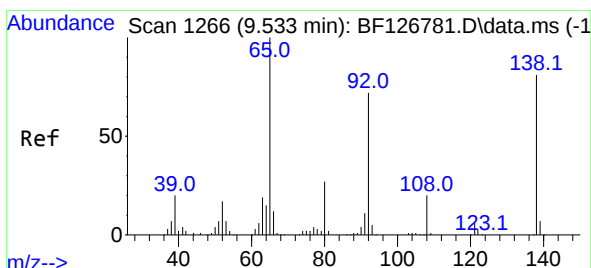
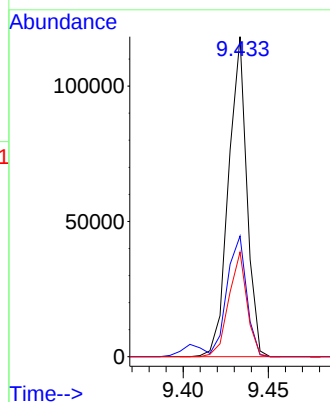
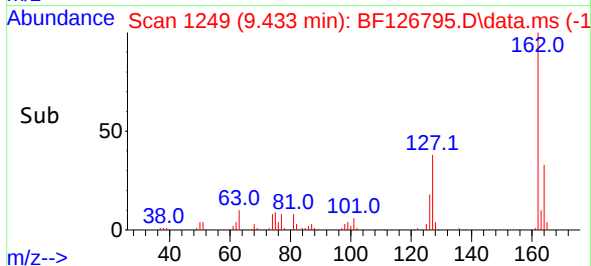
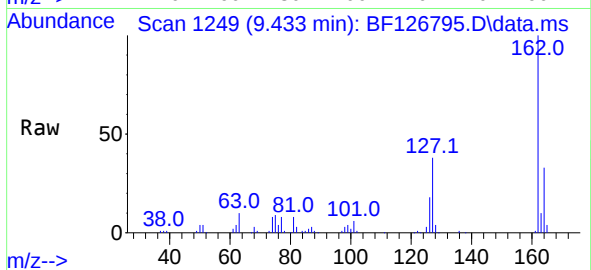
LOD-MDL-WATER-01-QT4-2021

Tgt Ion:162	Resp:	8846
Ion Ratio	Lower	Upper
162	100	
127	37.7	33.5 50.3
164	32.7	26.2 39.4

Manual Integrations

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Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022



#48

2-Nitroaniline

Concen: 4.162 ng

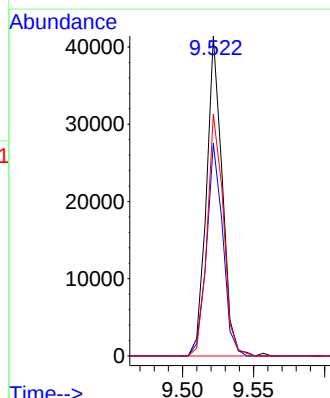
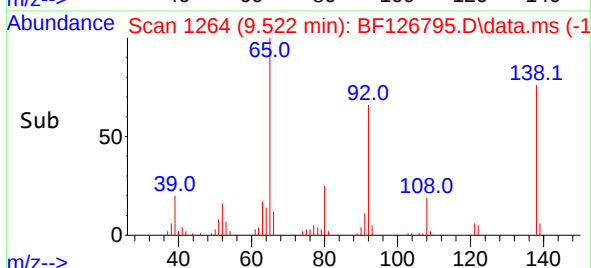
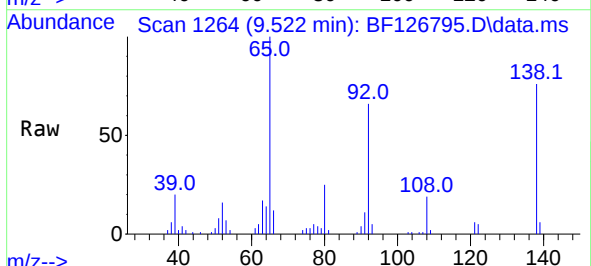
RT: 9.522 min Scan# 1264

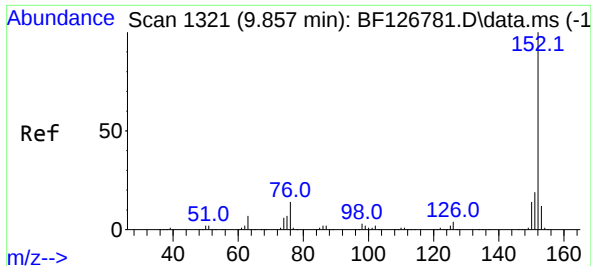
Delta R.T. -0.012 min

Lab File: BF126795.D

Acq: 03 Feb 2022 13:33

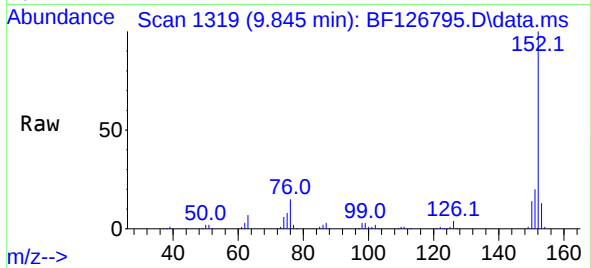
Tgt Ion: 65	Resp:	32184
Ion Ratio	Lower	Upper
65	100	
92	66.5	54.4 81.6
138	75.6	72.5 108.7





#49
Acenaphthylene
Concen: 4.765 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

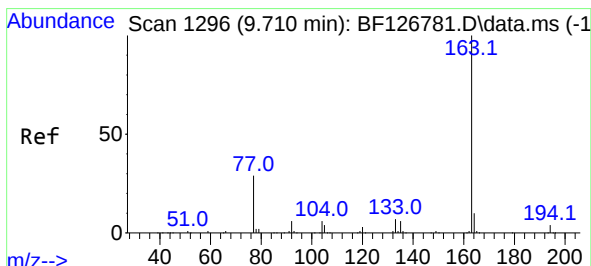
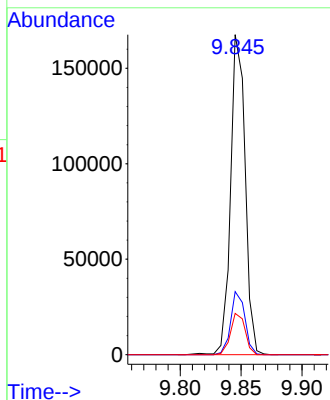
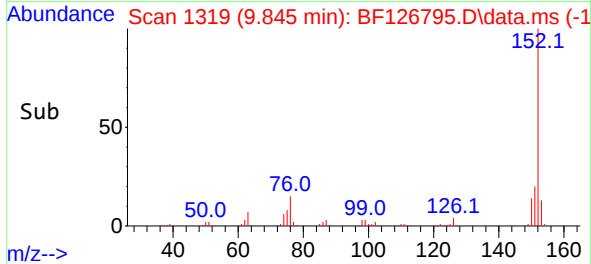
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



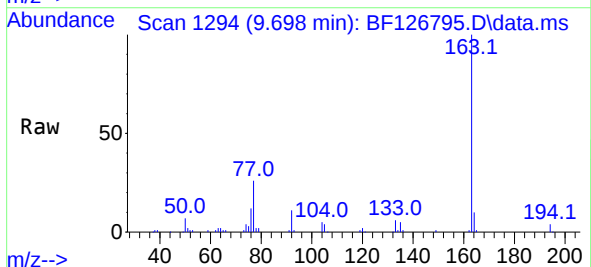
Tgt Ion:152 Resp: 139540
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 12.9 11.4 17.0

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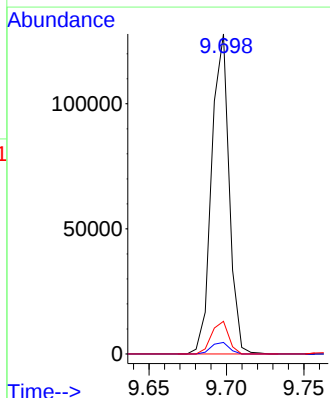
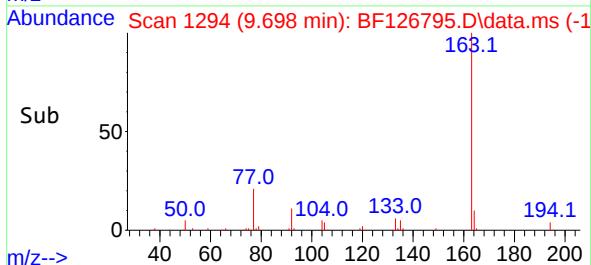
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

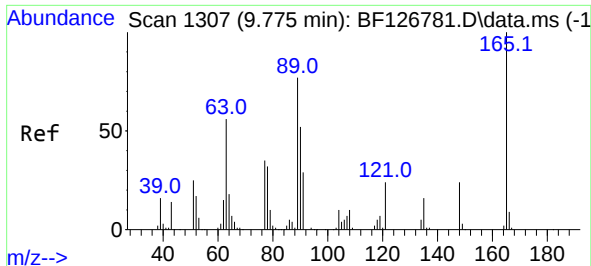


#50
Dimethylphthalate
Concen: 4.450 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33



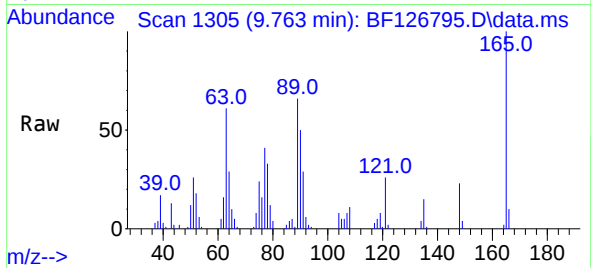
Tgt Ion:163 Resp: 100492
Ion Ratio Lower Upper
163 100
194 3.6 2.6 3.8
164 10.2 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 4.262 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.012 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

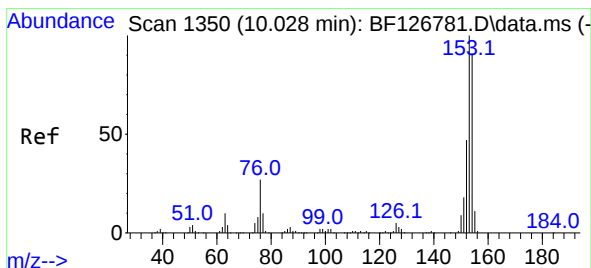
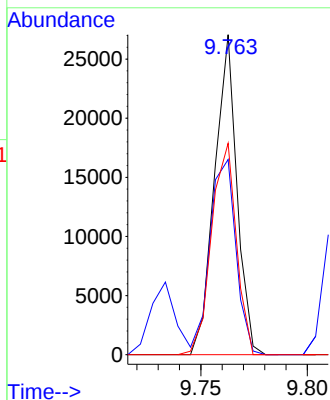
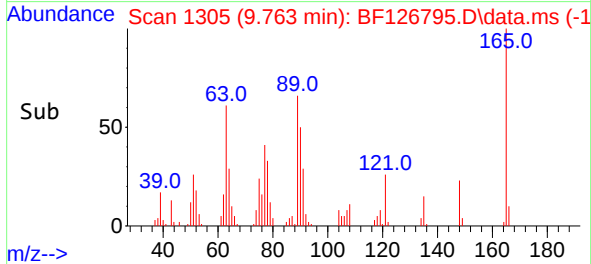
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



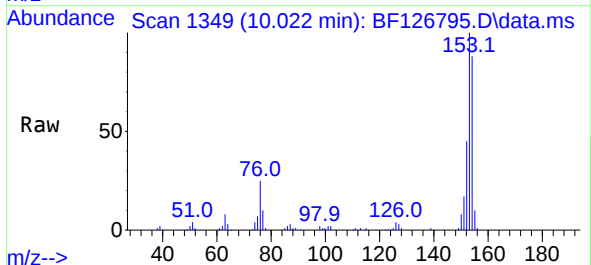
Tgt Ion:165 Resp: 1977
Ion Ratio Lower Upper
165 100
63 61.0 48.4 72.6
89 66.1 50.5 75.7

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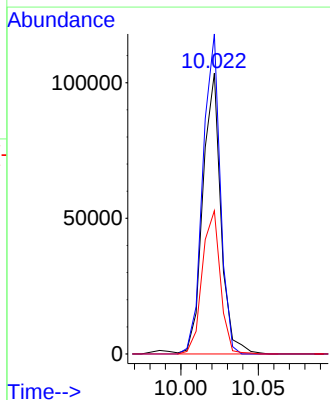
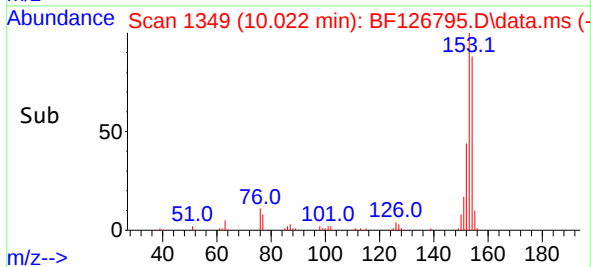
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

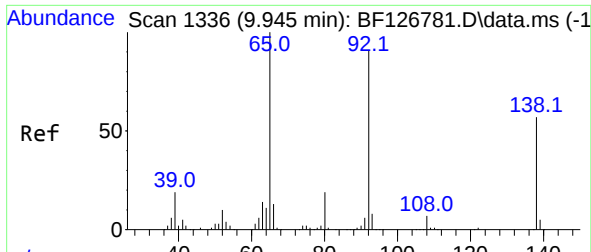


#52
Acenaphthene
Concen: 4.470 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33



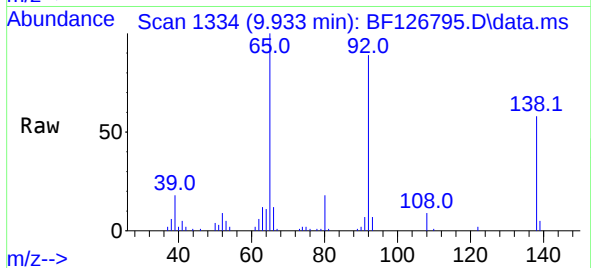
Tgt Ion:154 Resp: 83473
Ion Ratio Lower Upper
154 100
153 114.0 87.8 131.6
152 51.0 39.4 59.2





#53
3-Nitroaniline
Concen: 4.163 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

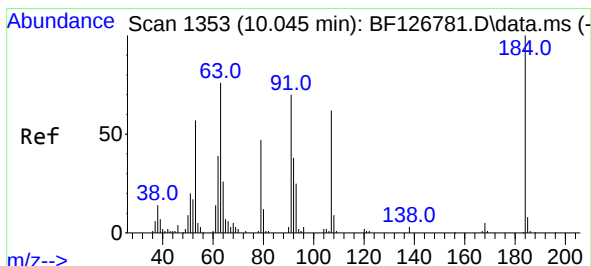
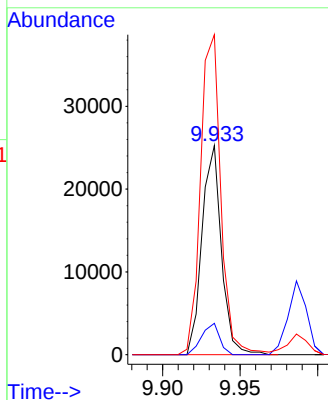
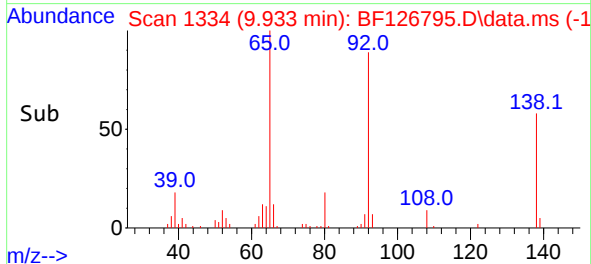
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



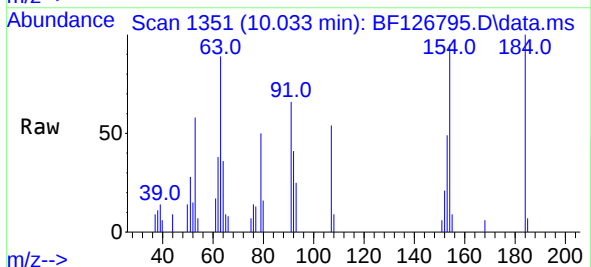
Tgt Ion:138 Resp: 22000
Ion Ratio Lower Upper
138 100
108 15.0 8.6 13.0
92 153.0 105.0 157.6

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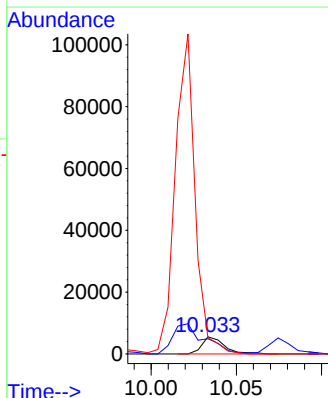
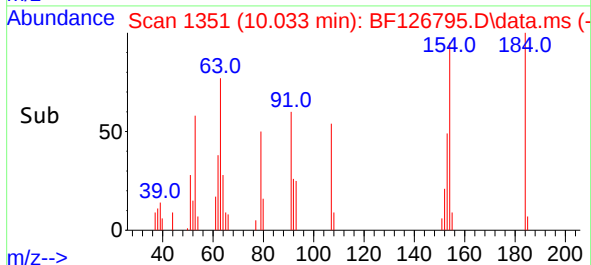
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

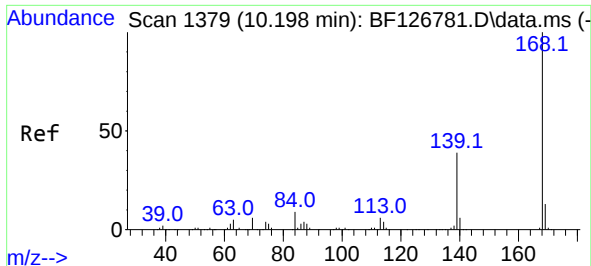


#54
2,4-Dinitrophenol
Concen: 2.076 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.012 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33



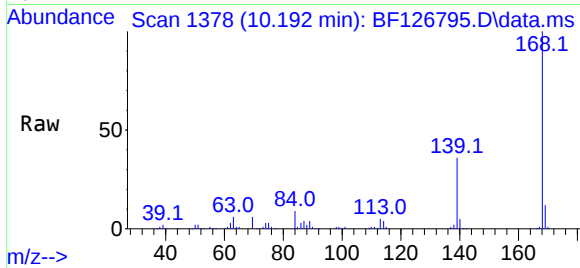
Tgt Ion:184 Resp: 5072
Ion Ratio Lower Upper
184 100
63 88.9 70.4 105.6
154 94.8 49.7 74.5





#55
Dibenzenofuran
Concen: 4.556 ng
RT: 10.192 min Scan# 1379
Delta R.T. -0.006 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

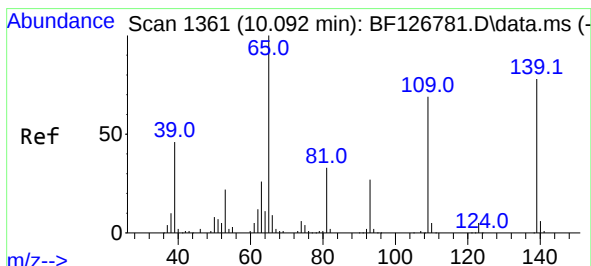
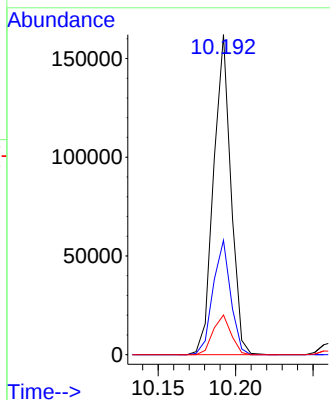
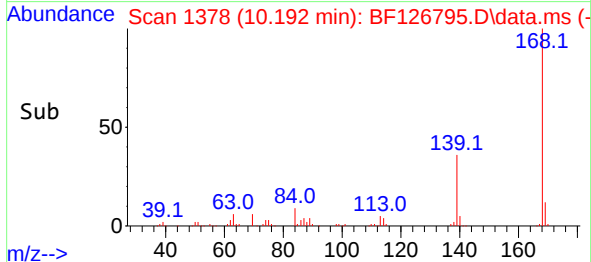
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



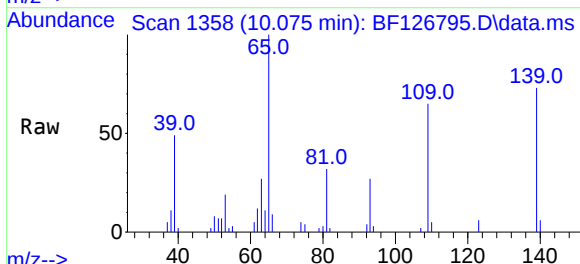
Tgt Ion:168 Resp: 12555
Ion Ratio Lower Upper
168 100
139 35.7 30.6 46.0
169 12.4 10.0 15.0

Manual Integrations
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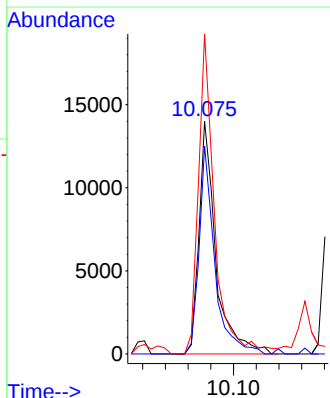
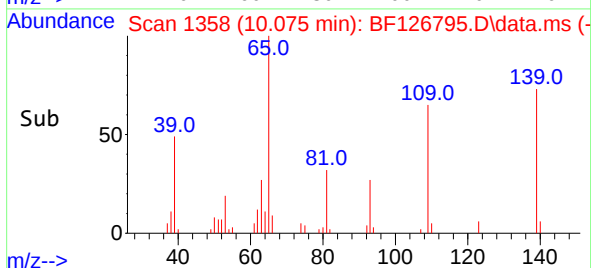
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

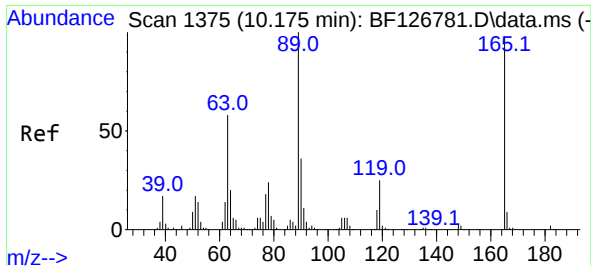


#56
4-Nitrophenol
Concen: 3.610 ng
RT: 10.075 min Scan# 1358
Delta R.T. -0.018 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33



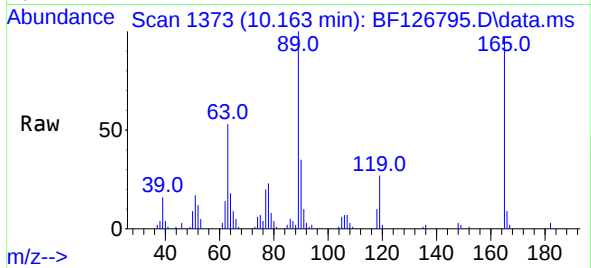
Tgt Ion:139 Resp: 14451
Ion Ratio Lower Upper
139 100
109 89.4 44.1 84.1#
65 137.5 85.5 125.5#





#57
2,4-Dinitrotoluene
Concen: 4.007 ng
RT: 10.163 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

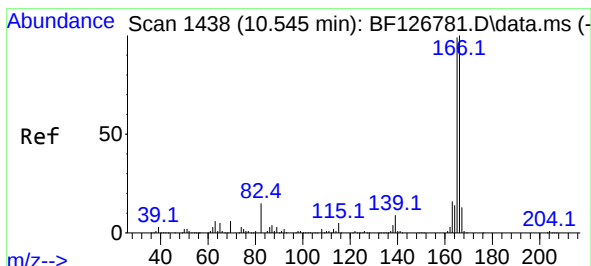
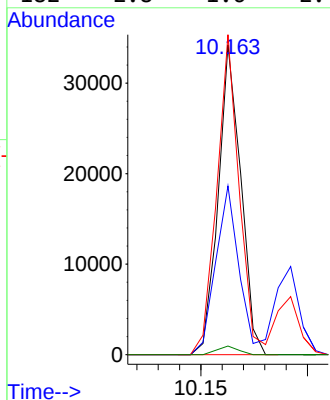
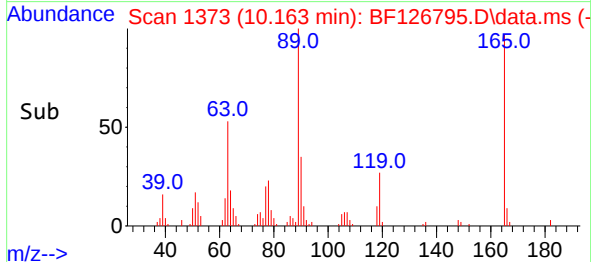
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



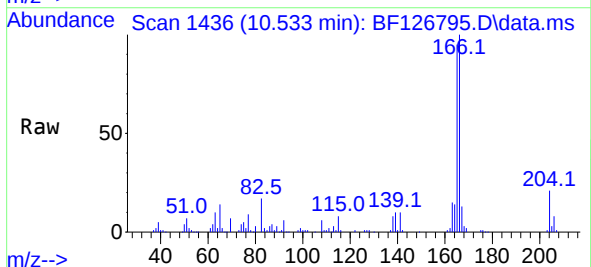
Tgt Ion:165 Resp: 2519
Ion Ratio Lower Upper
165 100
63 54.4 43.0 64.6
89 103.2 71.0 106.4
182 2.8 1.6 2.4#

Manual Integrations
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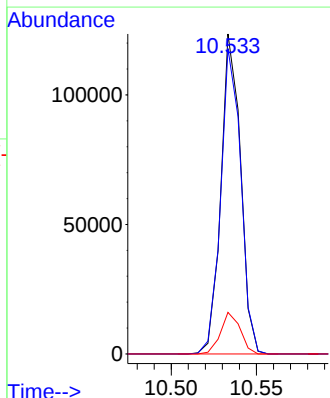
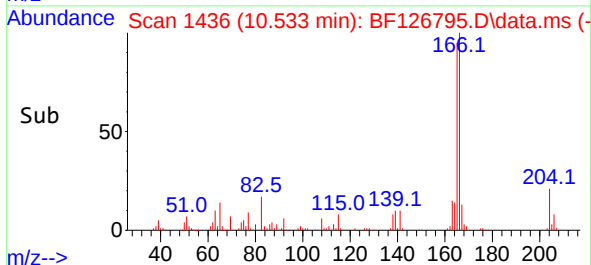
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

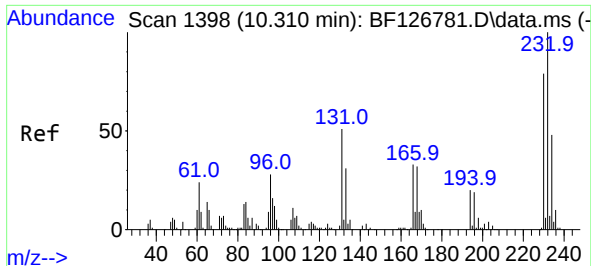


#58
Fluorene
Concen: 4.857 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33



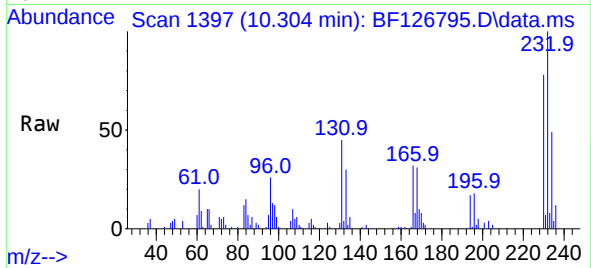
Tgt Ion:166 Resp: 99038
Ion Ratio Lower Upper
166 100
165 95.4 77.7 116.5
167 13.0 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.796 ng
RT: 10.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

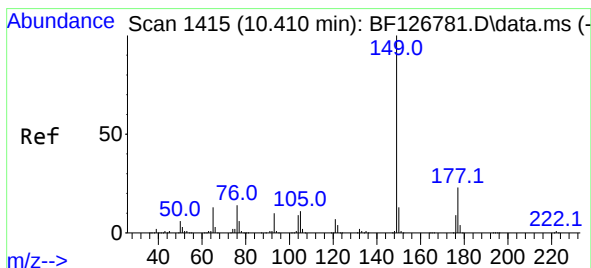
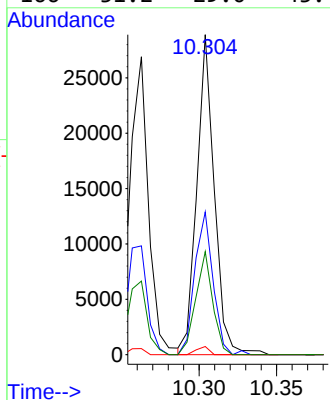
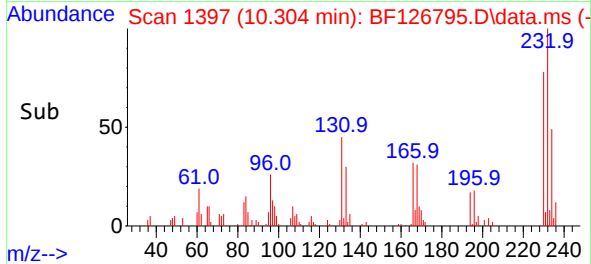
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



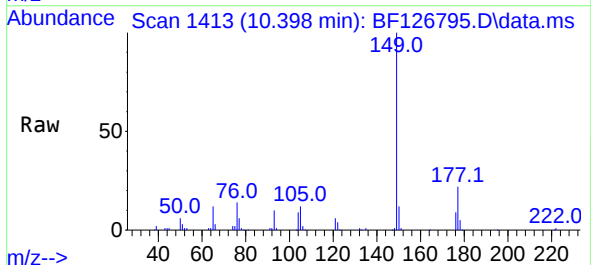
Tgt Ion:232 Resp: 22734
Ion Ratio Lower Upper
232 100
131 46.6 50.0 75.0
130 1.8 2.2 3.2
166 31.2 29.0 43.4

Manual Integrations
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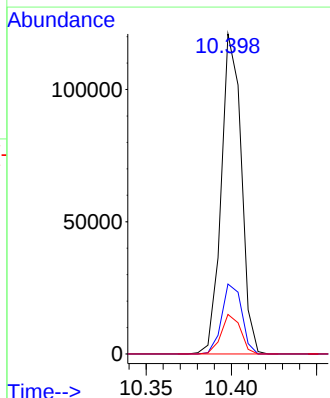
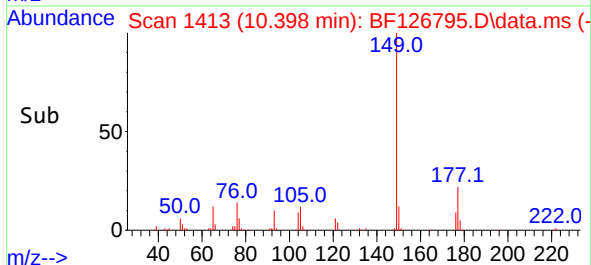
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

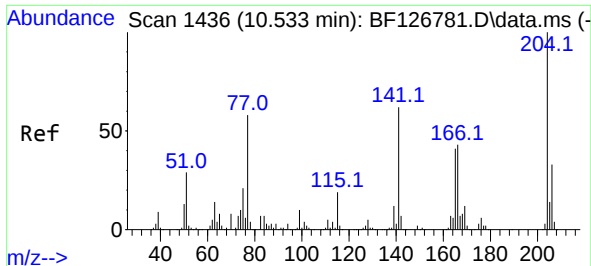


#60
Diethylphthalate
Concen: 4.462 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33



Tgt Ion:149 Resp: 99002
Ion Ratio Lower Upper
149 100
177 21.9 16.7 25.1
150 12.4 9.8 14.8





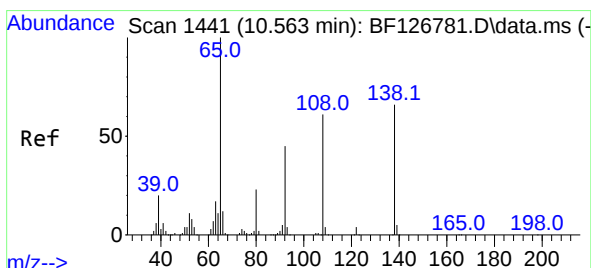
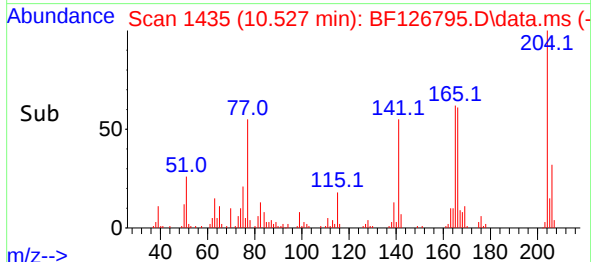
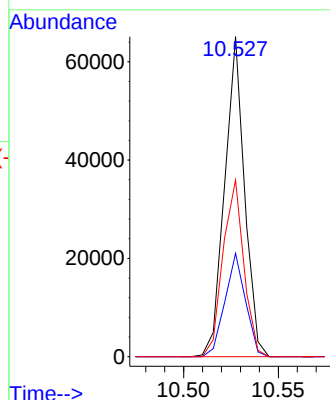
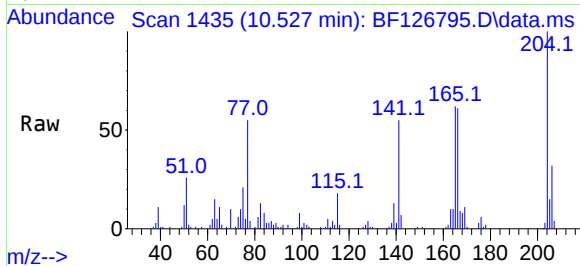
#61
4-Chlorophenyl-phenylether
Concen: 4.606 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

Tgt Ion:204 Resp: 47508
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 55.2 59.0 88.6

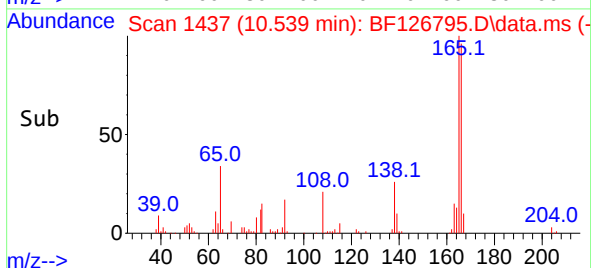
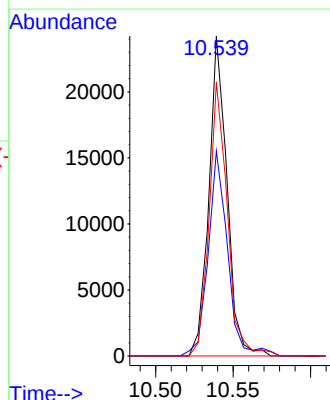
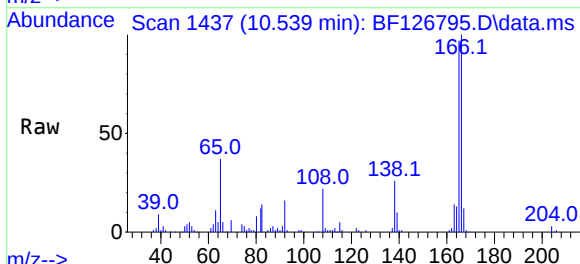
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APPROVED

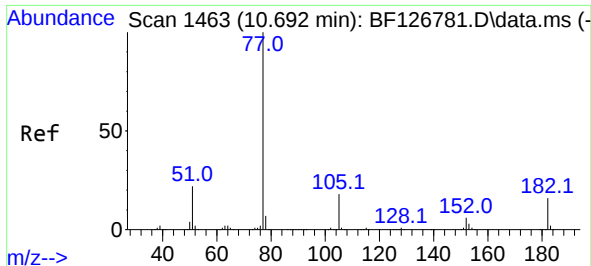
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022



#62
4-Nitroaniline
Concen: 3.931 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.024 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

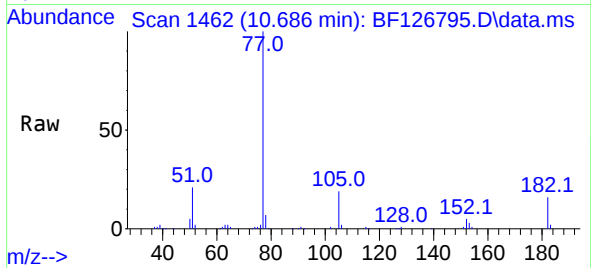
Tgt Ion:138 Resp: 19718
Ion Ratio Lower Upper
138 100
92 64.1 36.2 76.2
108 85.5 46.7 86.7





#63
Azobenzene
Concen: 4.499 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

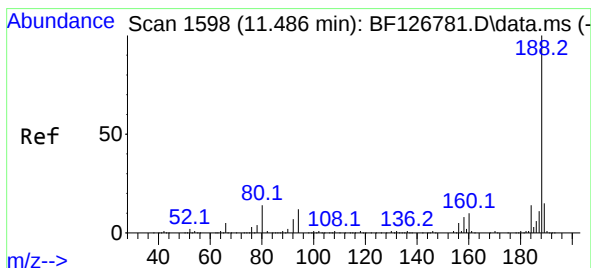
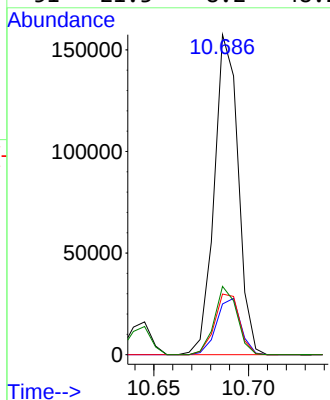
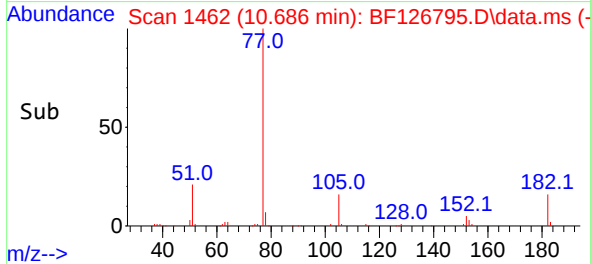
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



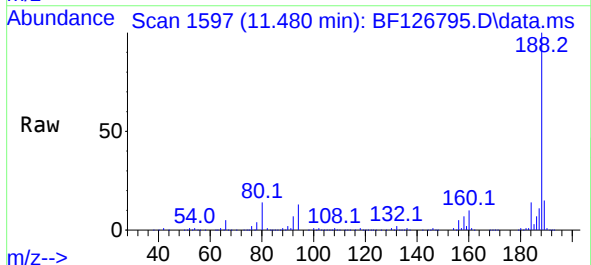
Tgt Ion: 77 Resp: 13851
Ion Ratio Lower Upper
77 100
182 15.9 0.0 39.0
105 19.0 3.2 43.2
51 21.3 8.2 48.2

Manual Integrations
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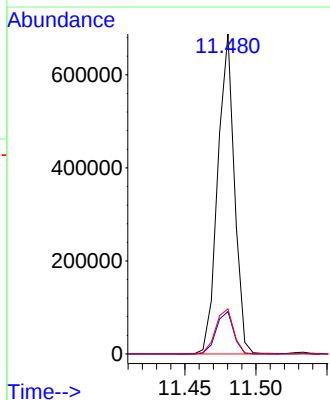
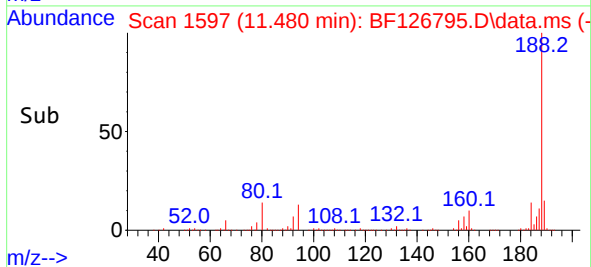
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

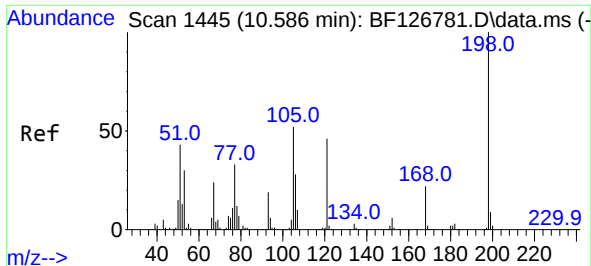


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33



Tgt Ion:188 Resp: 561361
Ion Ratio Lower Upper
188 100
94 13.3 10.1 15.1
80 14.1 11.8 17.6





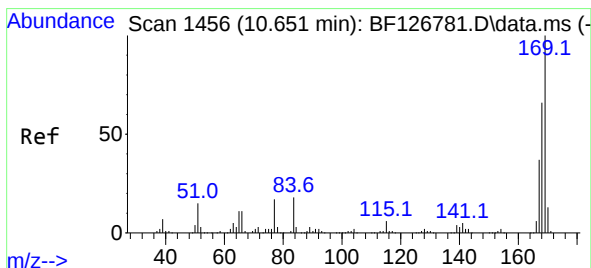
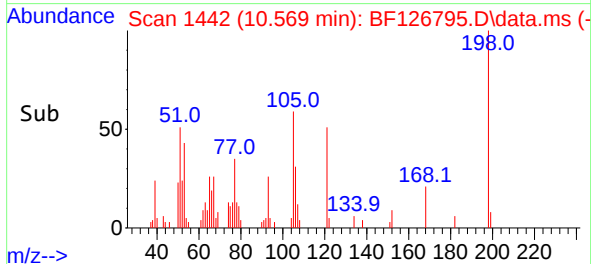
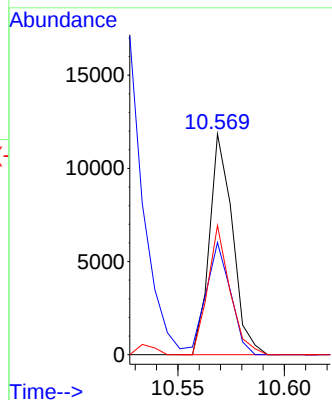
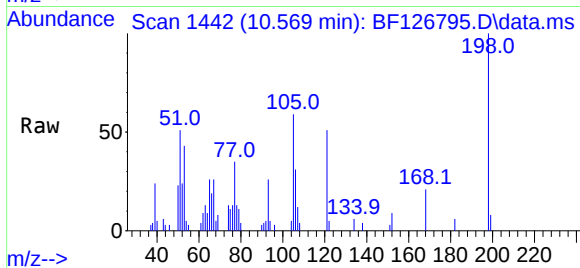
#65
4,6-Dinitro-2-methylphenol
Concen: 2.625 ng
RT: 10.569 min Scan# 1445
Delta R.T. -0.018 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

Tgt Ion:198 Resp: 8940
Ion Ratio Lower Upper
198 100
51 50.8 32.0 72.0
105 58.5 32.7 72.7

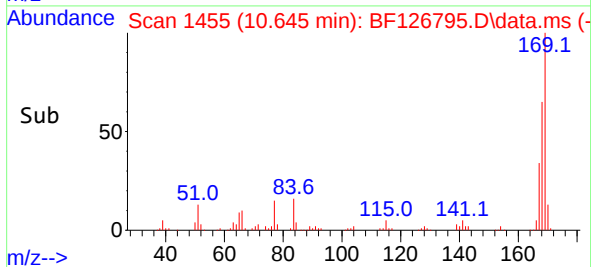
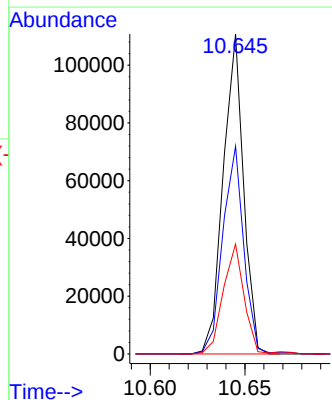
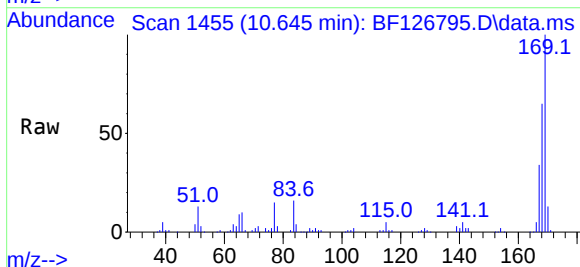
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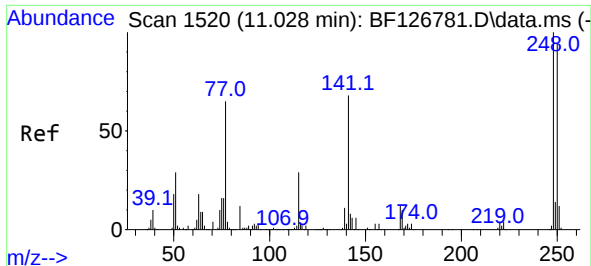
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022



#66
n-Nitrosodiphenylamine
Concen: 4.589 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

Tgt Ion:169 Resp: 82851
Ion Ratio Lower Upper
169 100
168 64.9 53.4 80.0
167 34.3 29.4 44.0





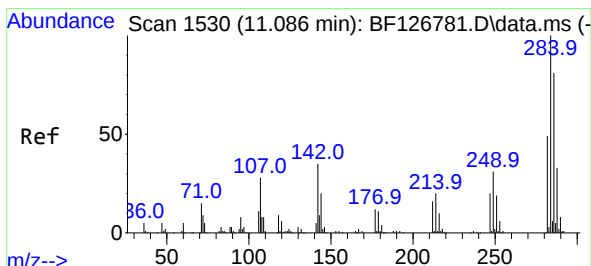
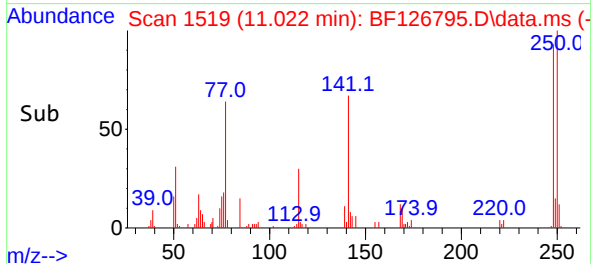
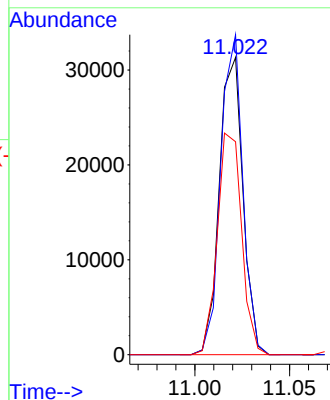
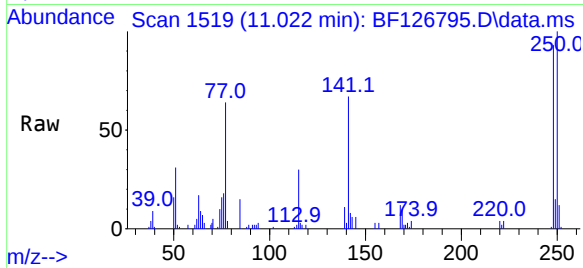
#67
4-Bromophenyl-phenylether
Concen: 4.237 ng
RT: 11.022 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

Tgt Ion:248 Resp: 27224
Ion Ratio Lower Upper
248 100
250 107.6 76.2 114.4
141 71.6 66.2 99.4

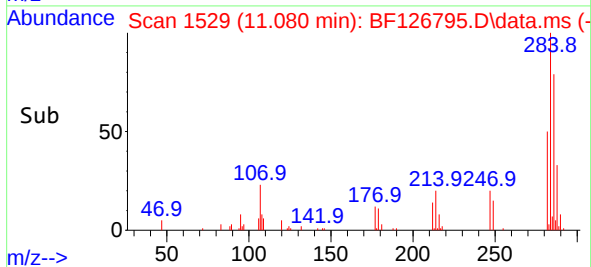
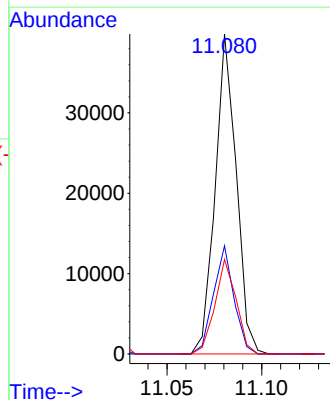
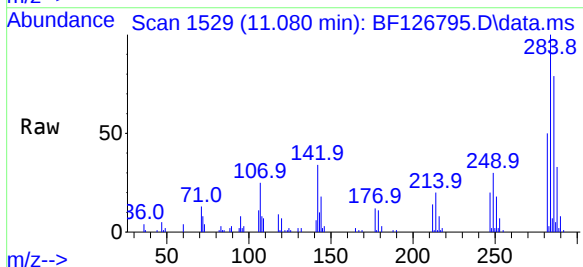
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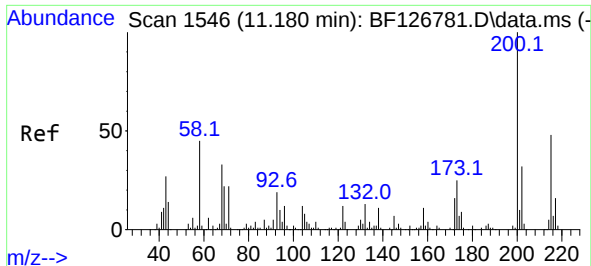
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022



#68
Hexachlorobenzene
Concen: 4.381 ng
RT: 11.080 min Scan# 1529
Delta R.T. -0.006 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

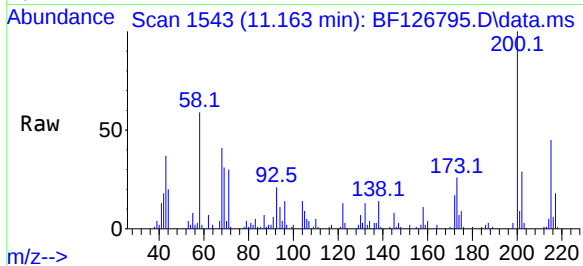
Tgt Ion:284 Resp: 30800
Ion Ratio Lower Upper
284 100
142 33.8 30.7 46.1
249 29.5 21.1 31.7





#69
Atrazine
Concen: 4.388 ng
RT: 11.163 min Scan# 111
Delta R.T. -0.018 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

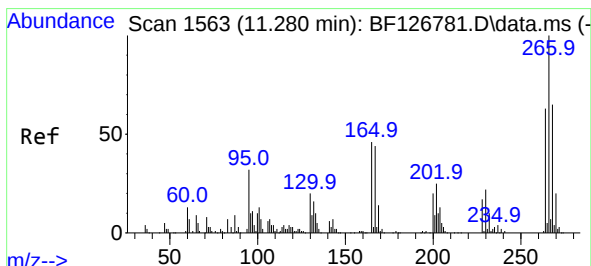
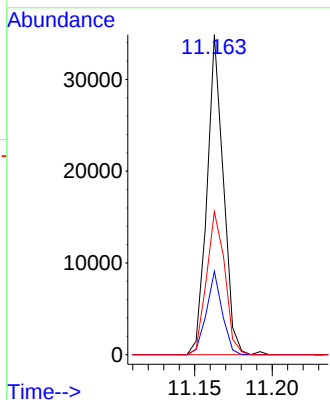
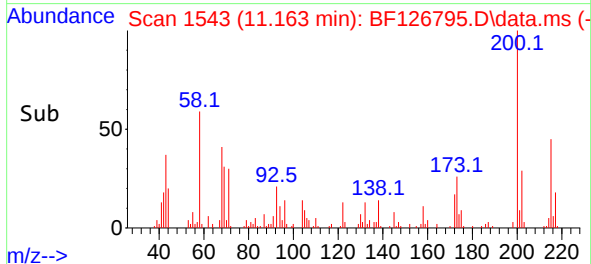
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



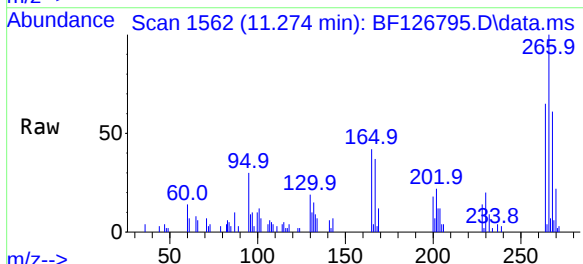
Tgt Ion:200 Resp: 2570
Ion Ratio Lower Upper
200 100
173 26.0 9.2 49.2
215 44.7 23.2 63.2

Manual Integrations
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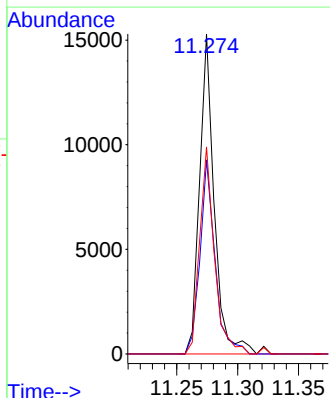
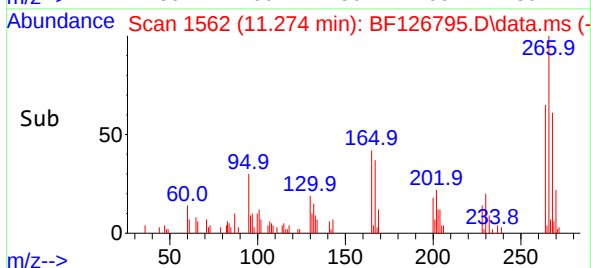
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

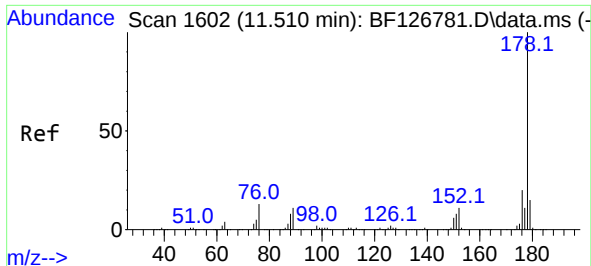


#70
Pentachlorophenol
Concen: 3.152 ng
RT: 11.274 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33



Tgt Ion:266 Resp: 12930
Ion Ratio Lower Upper
266 100
268 60.6 52.3 78.5
264 64.7 50.4 75.6





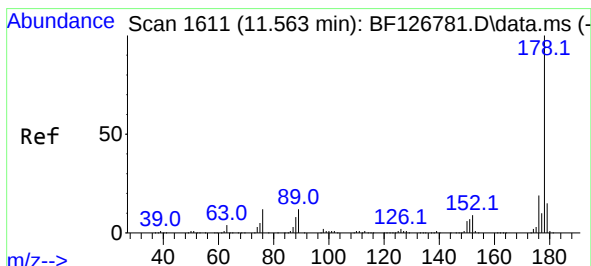
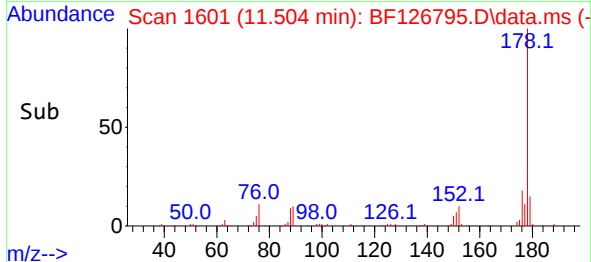
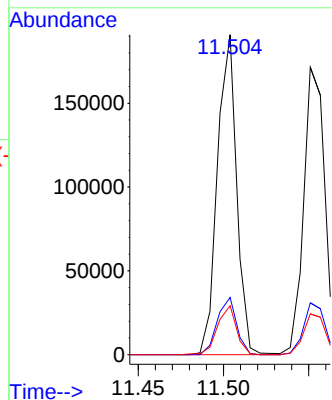
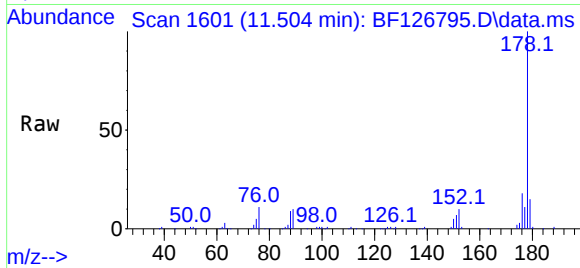
#71
Phenanthrene
Concen: 4.832 ng
RT: 11.504 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

Tgt Ion:178 Resp: 15024
Ion Ratio Lower Upper
178 100
176 17.9 15.7 23.5
179 15.3 12.3 18.5

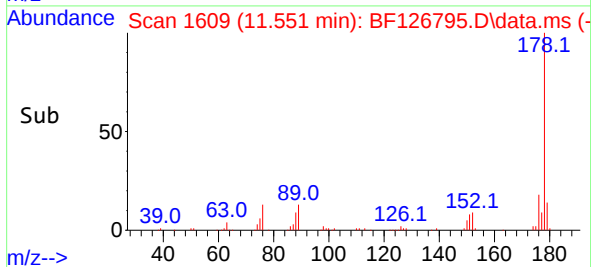
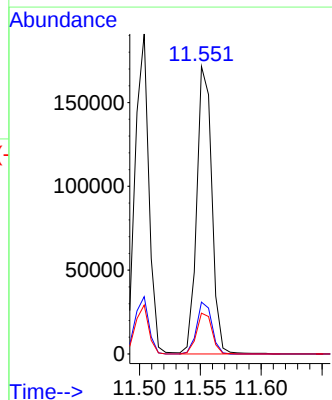
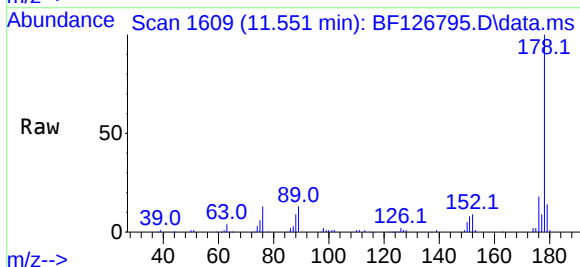
Manual Integrations
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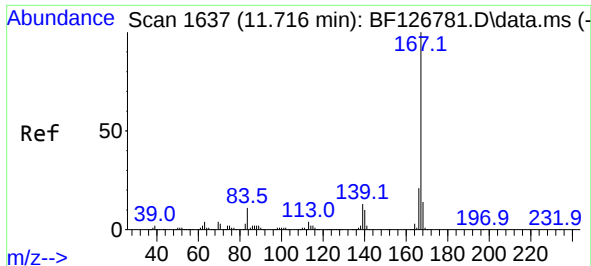
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022



#72
Anthracene
Concen: 4.772 ng
RT: 11.551 min Scan# 1609
Delta R.T. -0.012 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

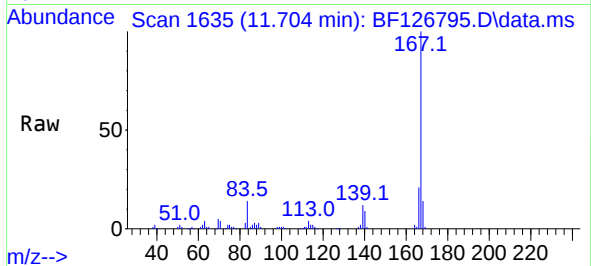
Tgt Ion:178 Resp: 148595
Ion Ratio Lower Upper
178 100
176 18.0 15.0 22.6
179 14.2 12.5 18.7





#73
 Carbazole
 Concen: 4.252 ng
 RT: 11.704 min Scan# 1635
 Delta R.T. -0.012 min
 Lab File: BF126795.D
 Acq: 03 Feb 2022 13:33

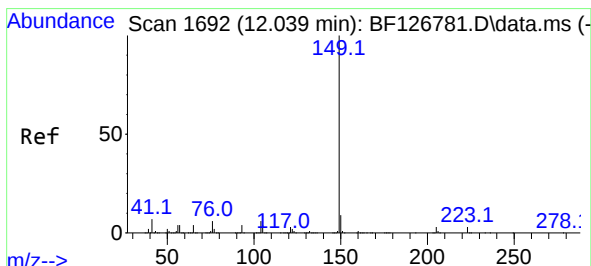
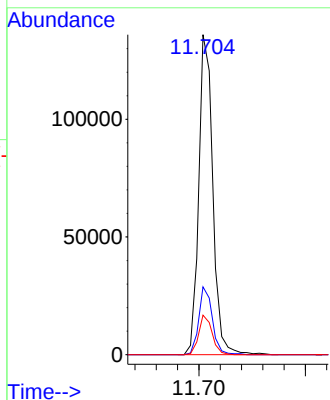
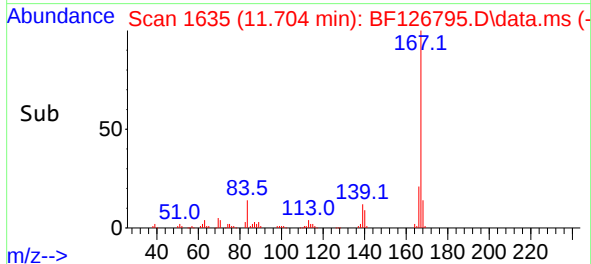
Instrument : BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2021



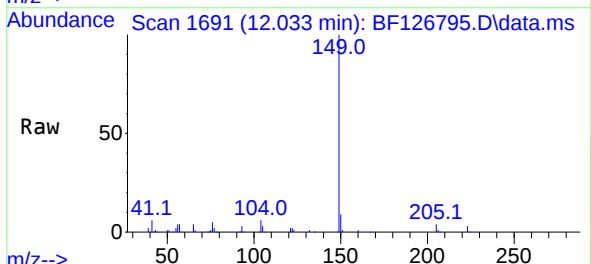
Tgt Ion:167 Resp: 12491
 Ion Ratio Lower Upper
 167 100
 166 21.2 16.9 25.3
 139 12.3 11.3 16.9

Manual Integrations
 APPROVED

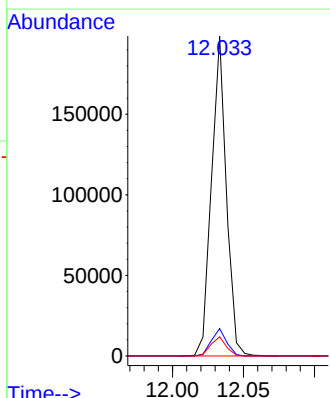
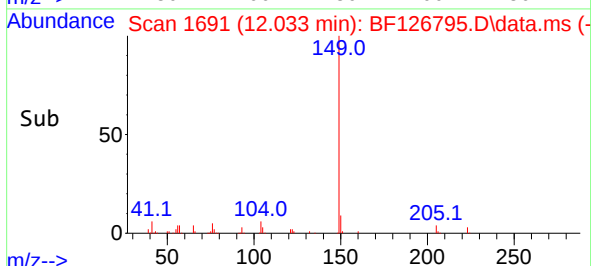
Reviewed By :Christian Giraldo 02/10/2022
 Supervised By :mohammad ahmed 02/10/2022

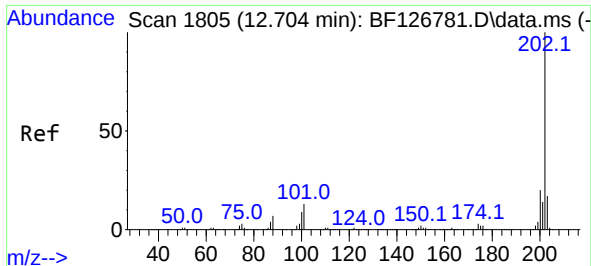


#74
 Di-n-butylphthalate
 Concen: 4.242 ng
 RT: 12.033 min Scan# 1691
 Delta R.T. -0.006 min
 Lab File: BF126795.D
 Acq: 03 Feb 2022 13:33



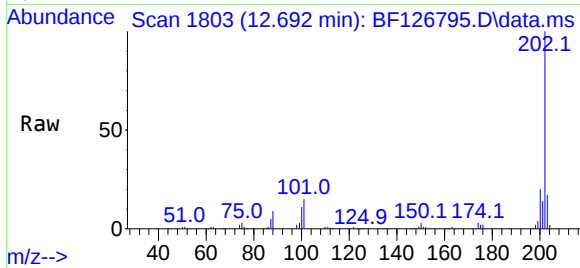
Tgt Ion:149 Resp: 144488
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.2 10.8
 104 6.0 4.2 6.2





#75
Fluoranthene
Concen: 4.375 ng
RT: 12.692 min Scan# 1803
Delta R.T. -0.012 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

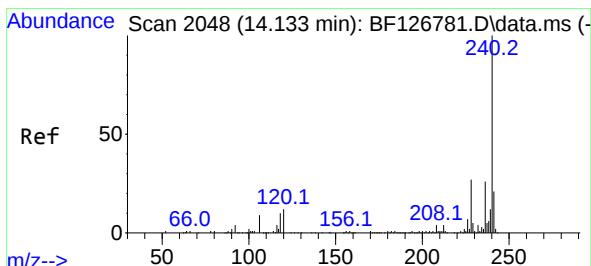
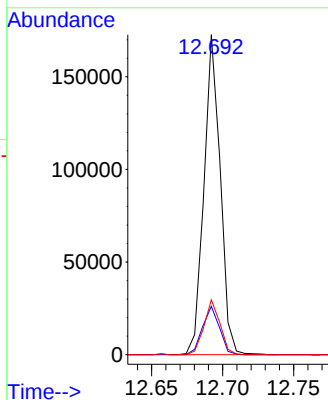
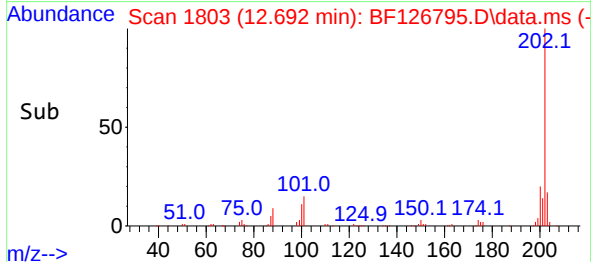
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



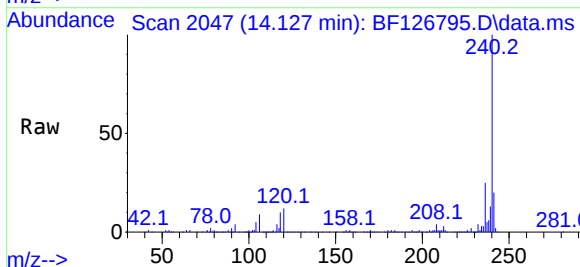
Tgt Ion:202 Resp: 13834
Ion Ratio Lower Upper
202 100
101 15.1 0.0 35.7
203 17.2 0.0 37.1

Manual Integrations
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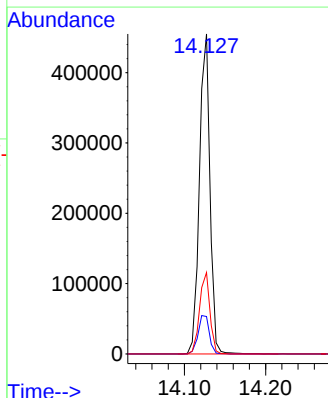
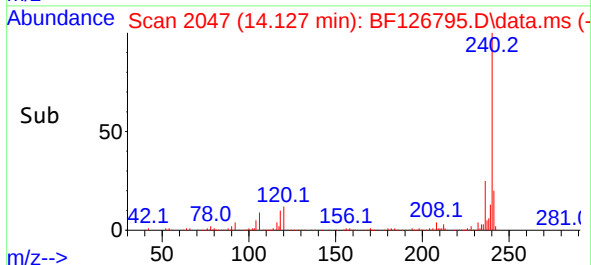
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

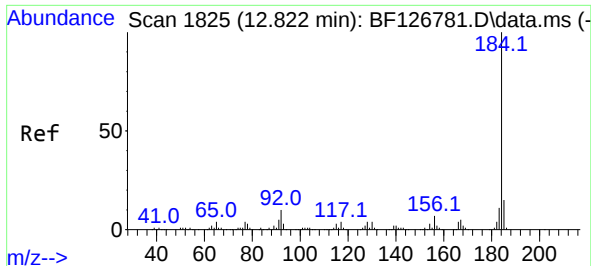


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33



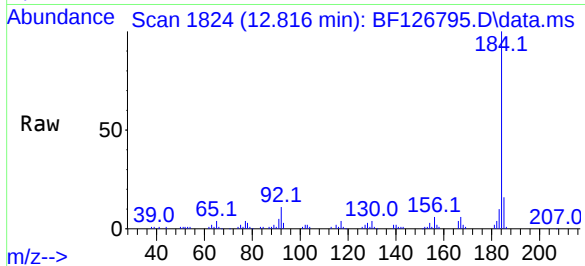
Tgt Ion:240 Resp: 409377
Ion Ratio Lower Upper
240 100
120 11.7 14.4 21.6#
236 25.4 20.5 30.7





#77
Benzidine
Concen: 6.324 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

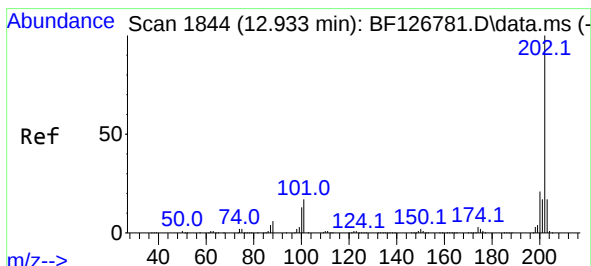
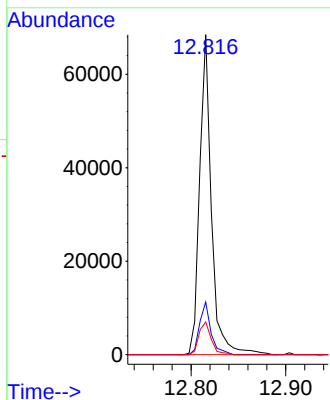
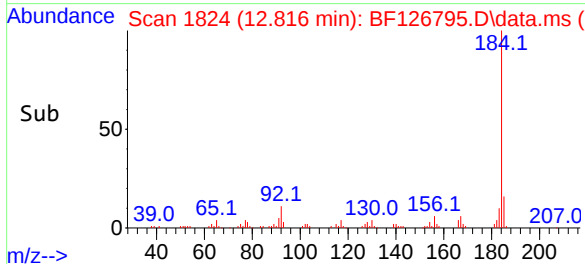
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



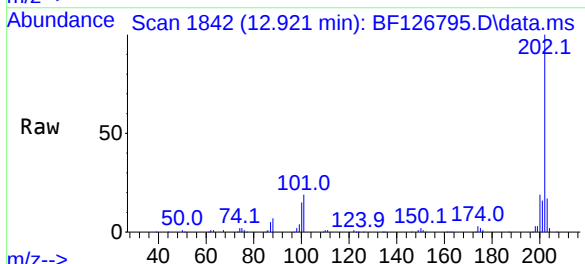
Tgt Ion:184 Resp: 59394
Ion Ratio Lower Upper
184 100
185 16.4 11.8 17.8
183 10.3 8.2 12.2

Manual Integrations
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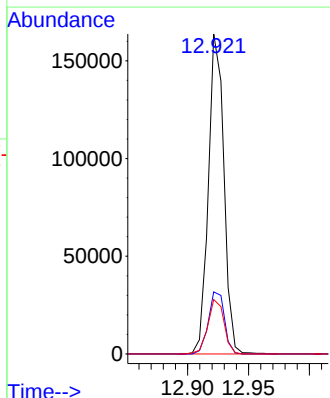
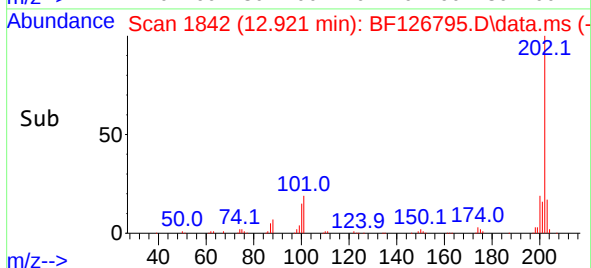
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

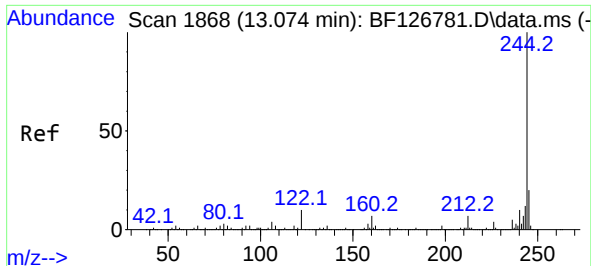


#78
Pyrene
Concen: 4.429 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.012 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33



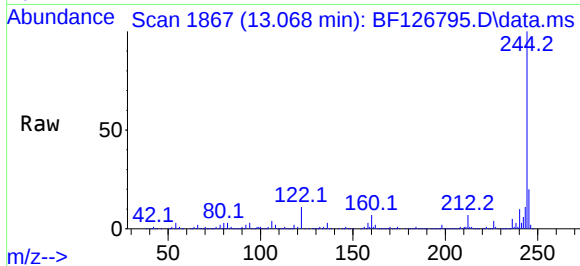
Tgt Ion:202 Resp: 144892
Ion Ratio Lower Upper
202 100
200 19.4 16.6 24.8
203 17.0 13.8 20.8





#79
 Terphenyl-d14
 Concen: 67.320 ng
 RT: 13.068 min Scan# 1867
 Delta R.T. -0.006 min
 Lab File: BF126795.D
 Acq: 03 Feb 2022 13:33

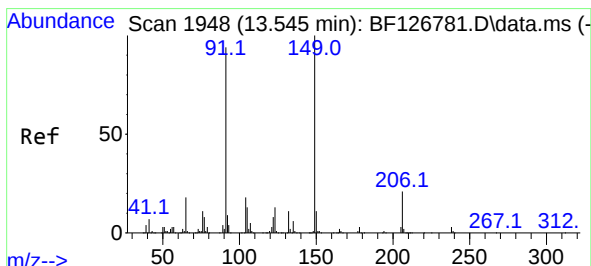
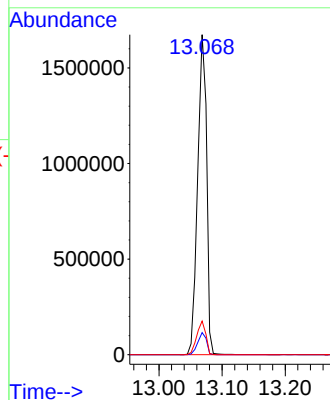
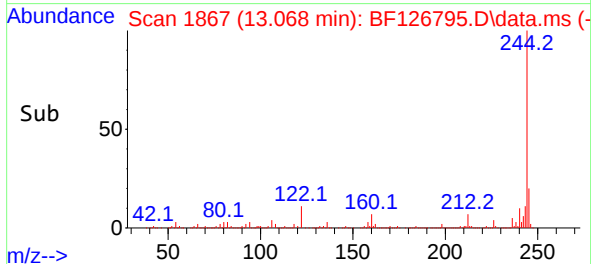
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2021



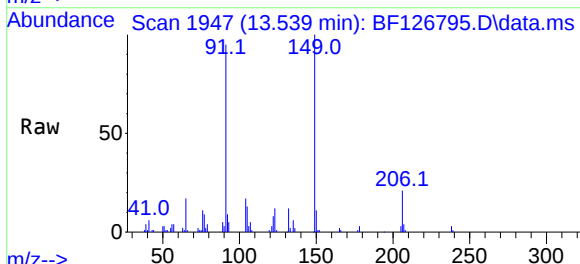
Tgt Ion:244 Resp: 1647452
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 10.5 13.3 19.9

Manual Integrations
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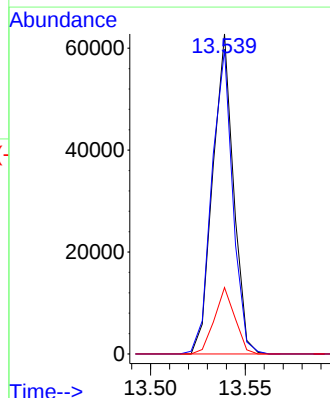
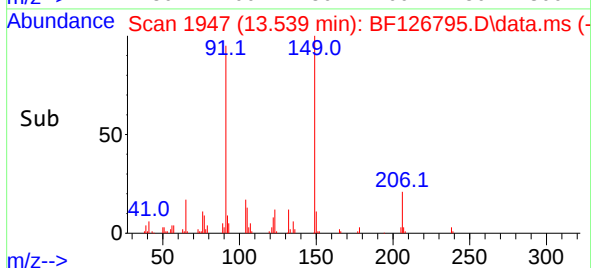
Reviewed By :Christian Giraldo 02/10/2022
 Supervised By :mohammad ahmed 02/10/2022

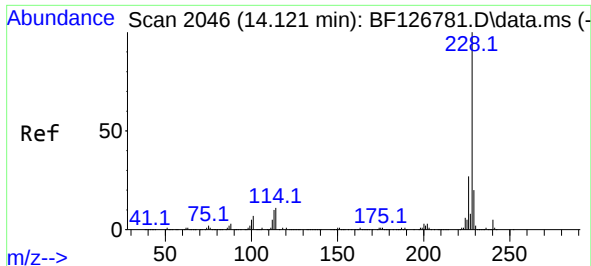


#80
 Butylbenzylphthalate
 Concen: 3.514 ng
 RT: 13.539 min Scan# 1947
 Delta R.T. -0.006 min
 Lab File: BF126795.D
 Acq: 03 Feb 2022 13:33



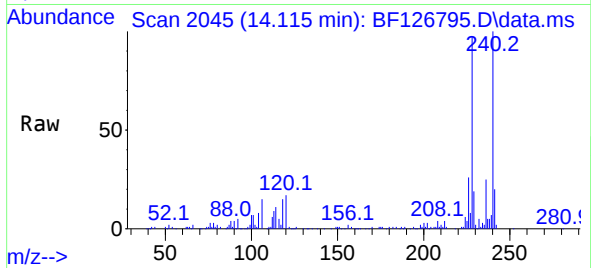
Tgt Ion:149 Resp: 47699
 Ion Ratio Lower Upper
 149 100
 91 95.2 70.5 105.7
 206 20.8 12.6 19.0





#81
Benzo(a)anthracene
Concen: 4.285 ng
RT: 14.115 min Scan# 2045
Delta R.T. -0.006 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

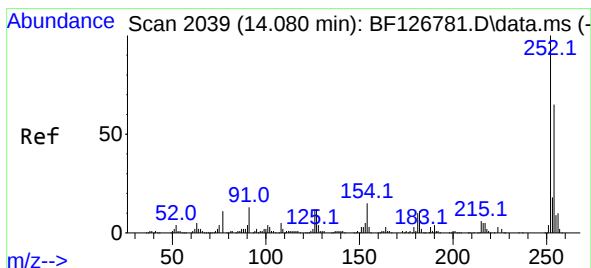
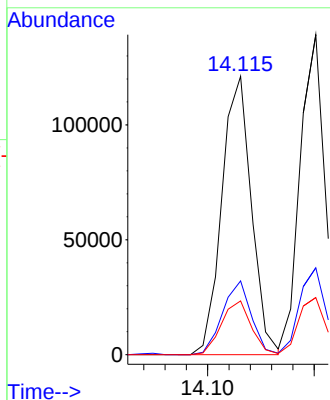
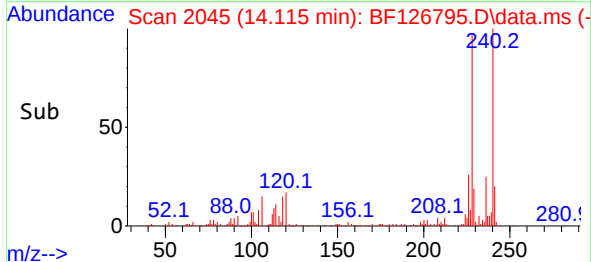
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



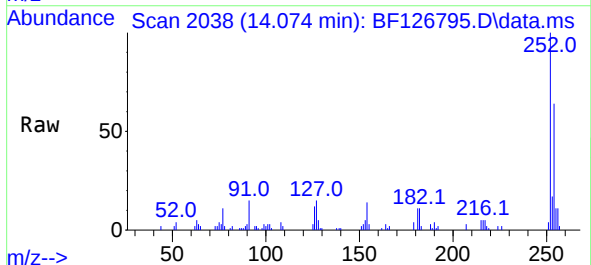
Tgt Ion:228 Resp: 11704
Ion Ratio Lower Upper
228 100
226 26.5 21.4 32.0
229 19.3 15.4 23.2

Manual Integrations
APPROVED

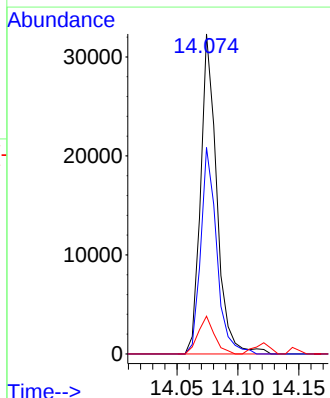
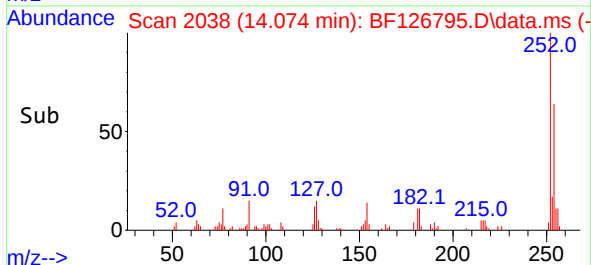
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

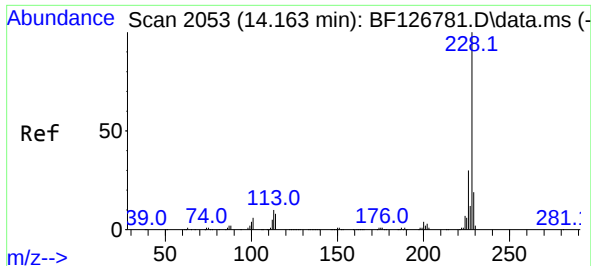


#82
3,3'-Dichlorobenzidine
Concen: 3.820 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33



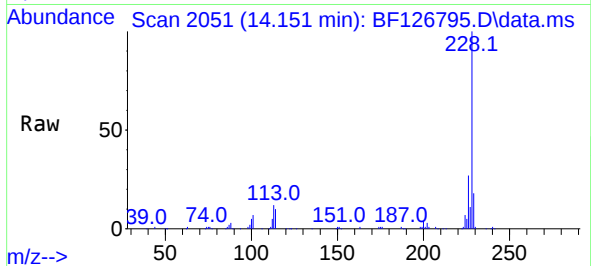
Tgt Ion:252 Resp: 29886
Ion Ratio Lower Upper
252 100
254 64.5 51.0 76.4
126 11.8 13.4 20.0#





#83
Chrysene
Concen: 4.465 ng
RT: 14.151 min Scan# 2051
Delta R.T. -0.012 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

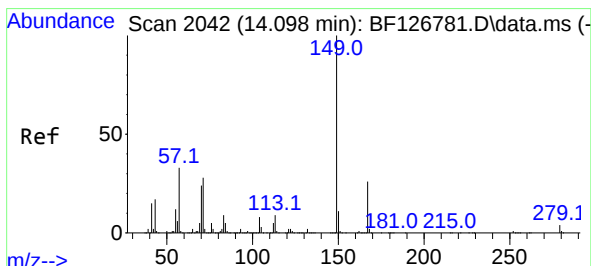
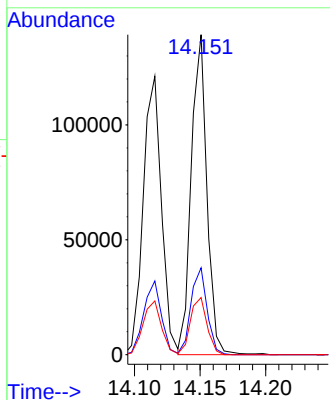
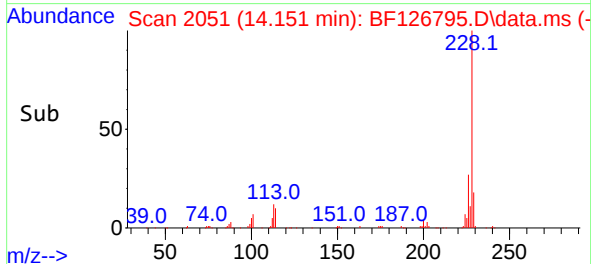
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



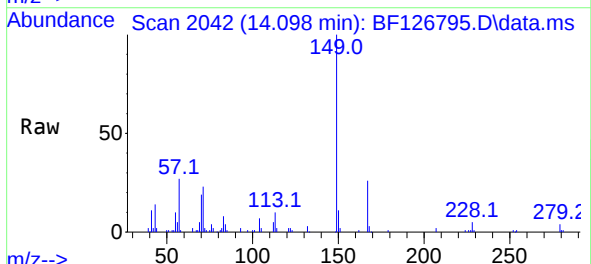
Tgt Ion:228 Resp: 115489
Ion Ratio Lower Upper
228 100
226 27.1 23.7 35.5
229 17.8 15.5 23.3

Manual Integrations
APPROVED

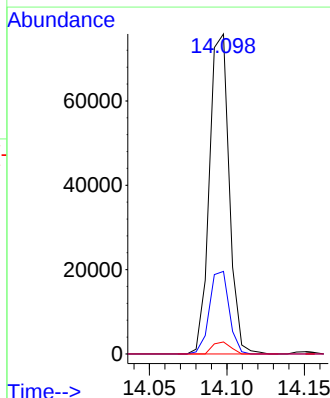
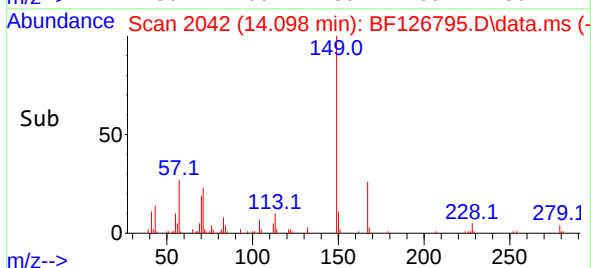
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

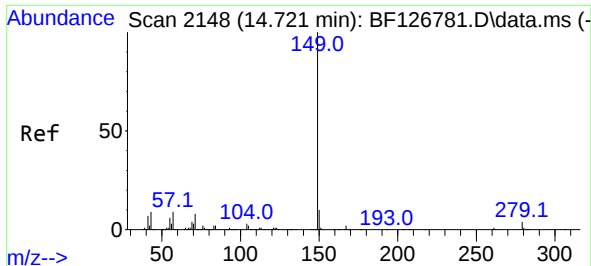


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.818 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.000 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33



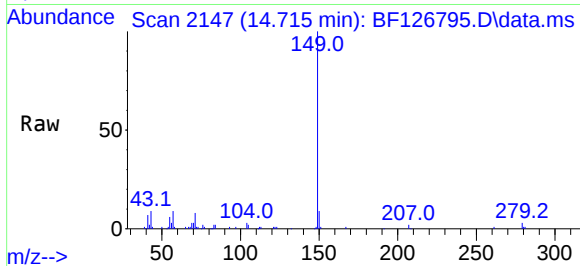
Tgt Ion:149 Resp: 67427
Ion Ratio Lower Upper
149 100
167 25.8 21.4 32.2
279 3.8 2.4 3.6#





#85
Di-n-octyl phthalate
Concen: 3.300 ng
RT: 14.715 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

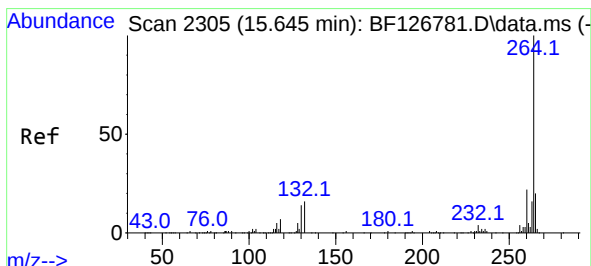
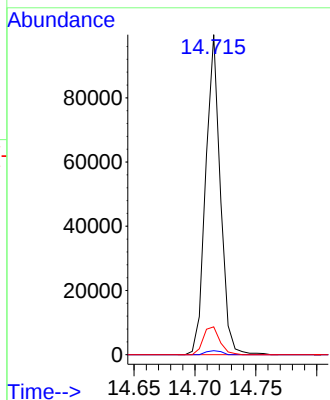
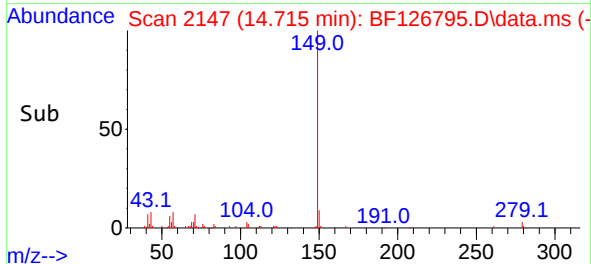
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



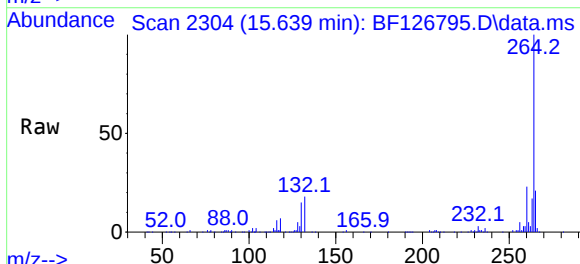
Tgt Ion:149 Resp: 83095
Ion Ratio Lower Upper
149 100
167 1.3 1.1 1.7
43 9.9 9.9 14.9

Manual Integrations
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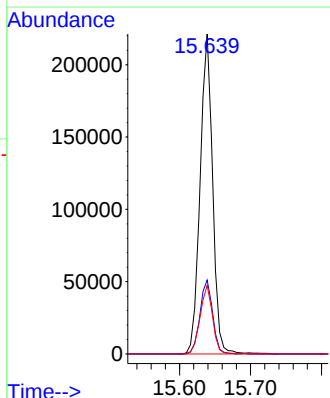
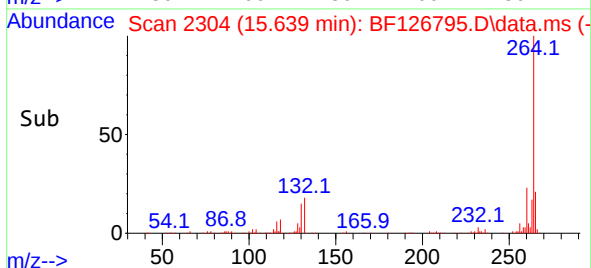
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

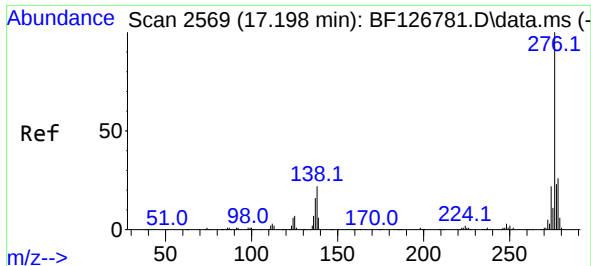


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 2304
Delta R.T. -0.006 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33



Tgt Ion:264 Resp: 271942
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 21.5 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.826 ng

RT: 17.174 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF126795.D

Acq: 03 Feb 2022 13:33

Instrument :

BNA_F

ClientSampleId :

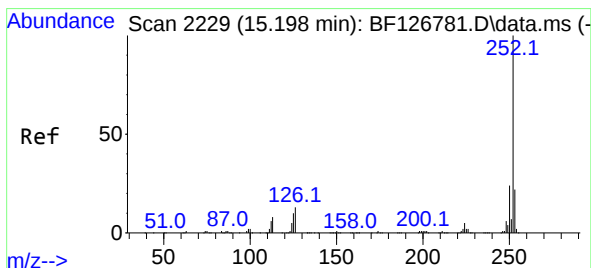
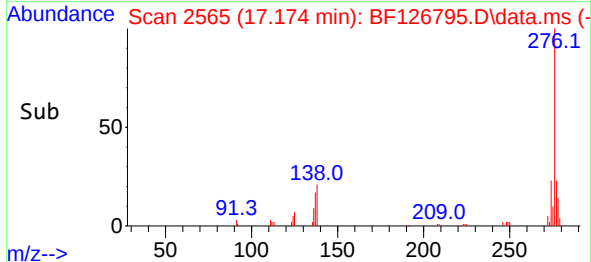
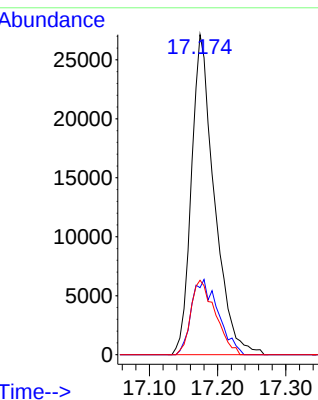
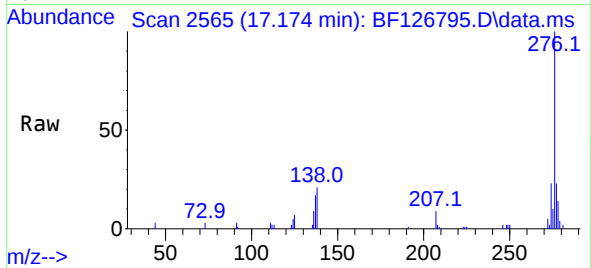
LOD-MDL-WATER-01-QT4-2021

Tgt Ion:	276	Resp:	63460
Ion	Ratio	Lower	Upper
276	100		
138	27.4	29.2	43.8
277	24.8	19.8	29.8

Manual Integrations

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Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022



#88

Benzo(b)fluoranthene

Concen: 4.238 ng

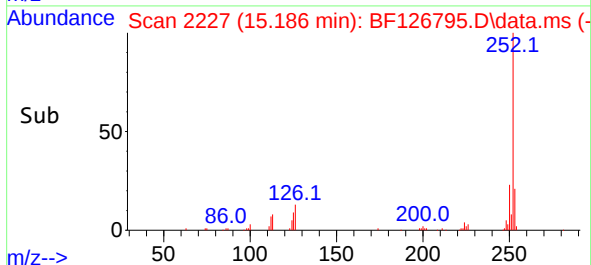
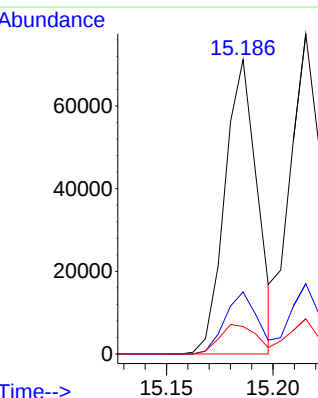
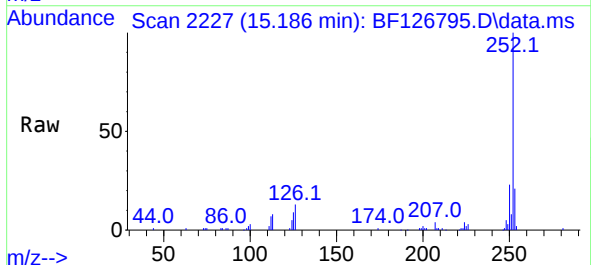
RT: 15.186 min Scan# 2227

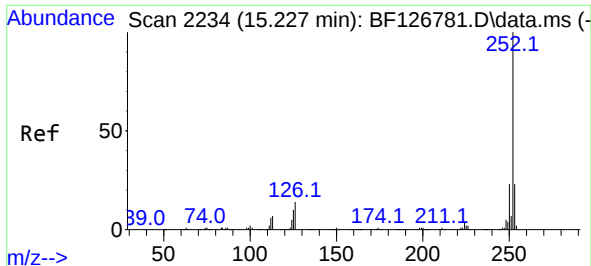
Delta R.T. -0.012 min

Lab File: BF126795.D

Acq: 03 Feb 2022 13:33

Tgt Ion:	252	Resp:	75360
Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.8	26.8
125	9.3	12.4	18.6





#89

Benzo(k)fluoranthene

Concen: 4.591 ng

RT: 15.215 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF126795.D

Acq: 03 Feb 2022 13:33

Instrument :

BNA_F

ClientSampleId :

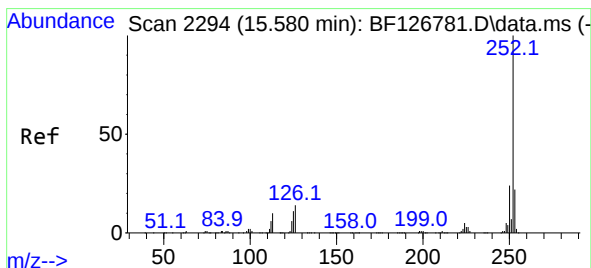
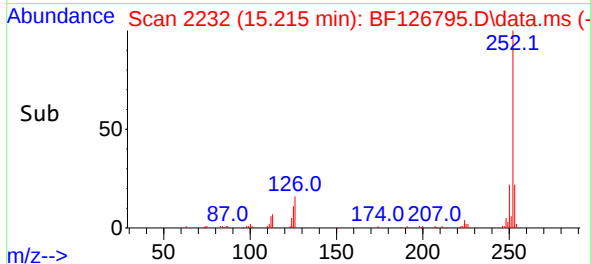
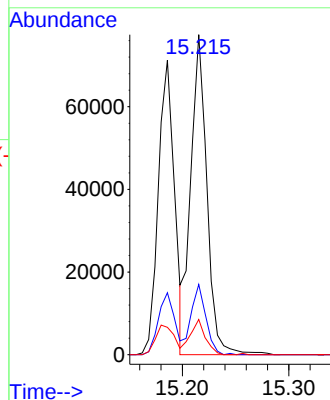
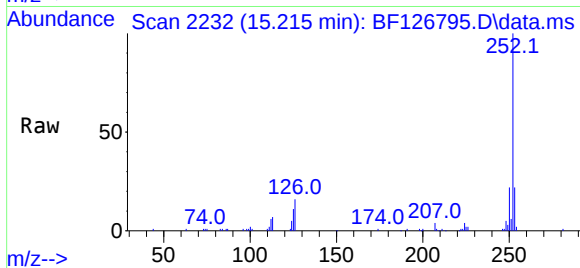
LOD-MDL-WATER-01-QT4-2021

Tgt Ion:252	Resp:	8144
Ion Ratio	Lower	Upper
252	100	
253	22.0	17.5 26.3
125	11.0	11.8 17.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022



#90

Benzo(a)pyrene

Concen: 4.788 ng

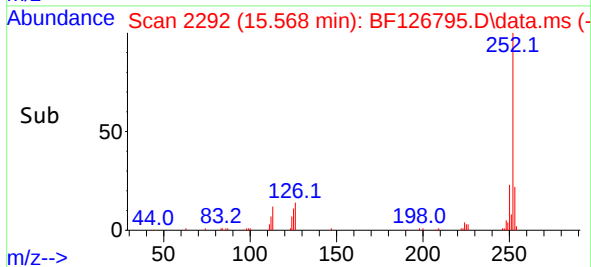
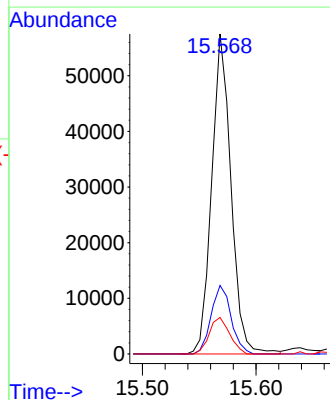
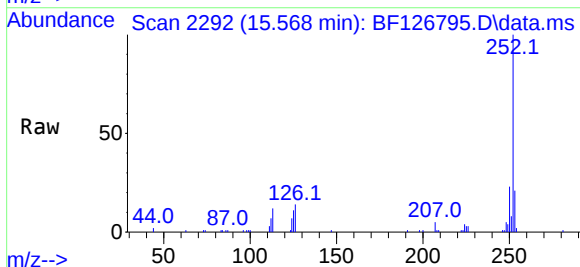
RT: 15.568 min Scan# 2292

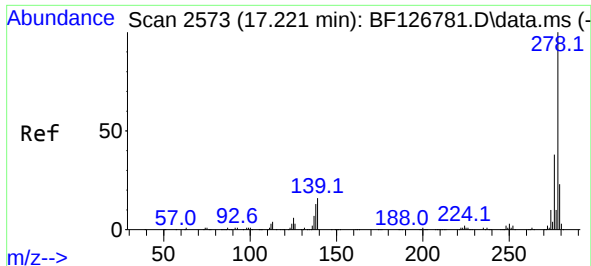
Delta R.T. -0.012 min

Lab File: BF126795.D

Acq: 03 Feb 2022 13:33

Tgt Ion:252	Resp:	67873
Ion Ratio	Lower	Upper
252	100	
253	21.4	17.1 25.7
125	11.4	13.0 19.6





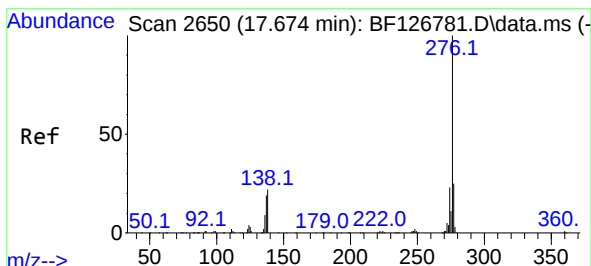
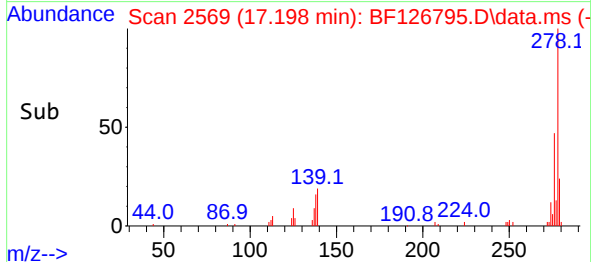
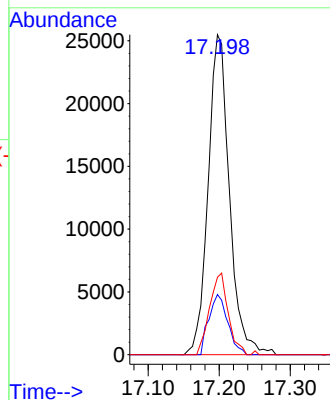
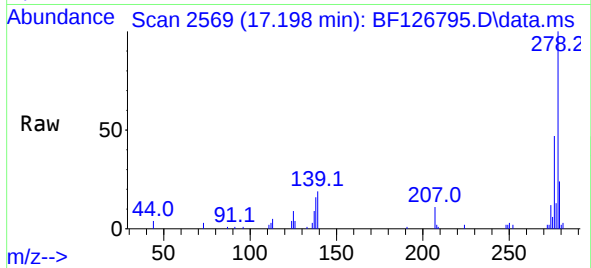
#91
Dibenzo(a,h)anthracene
Concen: 3.911 ng
RT: 17.198 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

Tgt Ion:278 Resp: 53134
Ion Ratio Lower Upper
278 100
139 18.8 18.0 27.0
279 24.2 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022



#92
Benzo(g,h,i)perylene
Concen: 4.010 ng
RT: 17.645 min Scan# 2645
Delta R.T. -0.030 min
Lab File: BF126795.D
Acq: 03 Feb 2022 13:33

Tgt Ion:276 Resp: 53810
Ion Ratio Lower Upper
276 100
277 23.0 18.5 27.7
138 22.1 25.9 38.9#

